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Maple disease

The maple leaf forever? Not the sugar maple, unless an affliction that is causing the trees to wither away is checked.

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What makes a lobster right-handed or left-handed? A new *Bulletin* feature explores what's behind this and other phenomena.

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Installation address

The humanitarian orientation of John Aird was evident in his first speech as chancellor.

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Aird vows to fight for U of T

by George Cook

The installation of John Black Aird, the University's 28th Chancellor, was as straightforward and as good-hearted as the man himself.

Despite the uncooperative drizzle that forced cancellation of a planned outdoor procession from the Croft Chapter House, the expertly organized event proceeded with grace and dignity to its culmination in the new chancellor's inaugural address.

With a doff of the mortar board to the platform guests — Ontario Premier David Peterson among them — and to some 1,300 dignitaries and friends gathered in Convocation Hall for the ceremony, Aird said he intends to pursue the interests of U of T and all Ontario universities with vigour and determination.

"It does not seem to me to be consistent with the dignity and reputation of our province, nor compatible with the aspirations of our people, nor — if I may say so — consonant with the laudable policy objectives of our government that Ontario should lag behind its sister provinces in its general support of higher education. Ontario should always lead and not follow in this most important matter," Aird said.

Before agreeing to stand for election to the position, Aird told the premier he would not shrink from defending the universities. "There would be no doubt about my tenacity in fighting for what I believe to be right and of vital importance to this province, namely, the well-being of not only the University of Toronto but also all the universities in Ontario."

Aird also said he will participate fully in the preparation and execution of the University's private funding campaign. "It is the duty of all concerned citizens to recognize, more than ever before in

the history of our country, that they must dig as deeply as possible into their own pockets, within their respective means, to make sure the leaders of tomorrow, who graduate from our universities today, have the very best education."

Congratulations

President George Connell, Provost Joan Foley, Students' Administrative Council President Ignatius Pitt, Premier Peterson, Chief Justice Brian Dickson of the Supreme Court of Canada and Queen's University Chancellor Agnes Benidickson each congratulated Aird on his installation.

The president welcomed the new chancellor and his wife, Jane, on behalf of the University and assured him of the loyalty and support of all members of the community. The University has high expectations of its chancellor and knows he will demand much of it in return, the president said.

The provost brought greetings on behalf of the academic and administrative staff. The chancellor was once the link between the university and the church, she said, and now is a symbol of the link between the university and the human condition.

"The chancellor stands for the University's commitment to the enlargement of human understanding — our understanding of ourselves and the universe in which we live," Foley said. "It is in the service of this great human enterprise that the University protects the academic freedom of its members, not out of petty concern with their career ambitions and conditions of work."

"The chancellor, appropriately unencumbered by mundane tasks, un-

See CHANCELLOR : Page 2



President George Connell congratulates John Aird on his installation as the University's 28th chancellor while Ontario Premier David Peterson (right) and Lieutenant-Governor Lincoln Alexander (far left) look on.

York, Ryerson to join U of T at Con Hall Oct. 16

Rally for increased funding

U of T, York and Ryerson Polytechnical Institute will shut down at noon for about two hours Oct. 16 to permit attendance at a rally in Convocation Hall in support of increased provincial funding for Ontario universities.

Vice-President (Institutional Relations) David Cameron said the rally will demonstrate the unanimous support of all constituencies — administrators, faculty, staff and students — for increased funding. Although the Liberal government of Premier David Peterson has proposed only a four percent increase in base funding for next year, the final decision will not be made until late October or early November.

"The presidents of all three institutions are front and centre in supporting this," Cameron said. A strong message of concern could lead to a funding increase greater than the proposed four percent, he added.

The Ontario Institute for Studies in Education and the Ontario College of Art have indicated that they are interested in joining the rally organized by U of T, York and Ryerson and will confirm participation this week. Many other Ontario universities will hold similar events in their communities during October.

Planning is underway for buses to bring participants to Convocation Hall from Scarborough and Erindale Colleges and from York University.

Gregory Sorbara, minister of colleges and universities, and the two opposition leaders, Progressive Conservative Larry Grossman and New Democrat Bob Rae, have said they will attend the event. Other MPPs have also been invited.

Sorbara, the opposition leaders and representatives of the university constituencies will speak briefly at the two-hour rally and there may be time for audience participation.

The presidents of the U of T faculty and staff associations and the Students' Administrative Council external commissioner have endorsed the event and say they will encourage their constituents to participate.

Faculty association president Michael Finlayson said the rally will encourage the government to put the health of the universities higher on its list of priorities. Political action in support of increased funding should continue into the next provincial election, Finlayson added.

Staff association president David Askew also welcomed the rally. He said it represents the continuation of an initiative that began last March when he, President George Connell, Finlayson, and a student representative held a joint news conference with Sorbara to highlight the effects of underfunding.

SAC external commissioner Denis Powell said students will be encouraged to participate in the event.



The new chancellor greets the Engineering Society's Lady Godiva Memorial Band at a champagne reception outside Convocation Hall Sept. 22.

Chancellor

Continued from Page 1

distracted by the politics of interest groups — relieved of even the imperative to earn a salary increase — keeps before all of us within the University, and before the external community, the essential spirit of the University and the true significance of its great mission."

SAC president Pitt reminded those present of the serious problems brought about by provincial underfunding of post-secondary education and went on to assure the new chancellor of student pride in the institution. "In the turbulent years that lie ahead the University will need the best leadership possible to maintain its high standard of excellence," he said.

Humanitarian

Premier Peterson brought greetings on behalf of the government of Ontario. He said he believes the chancellor must foster understanding of the universities among the people of the province. "If the universities are misunderstood it is perhaps because their humanitarian ethos has not yet become as real to the people as their age-old symbols. Therein lies the challenge for John Black Aird: to make a ceremonial role live by bringing all Ontarians a true understanding of the university today."

Chief Justice Dickson, Aird's long-time friend and colleague at law, praised the work of former Chancellor George Ignatieff, also a member of the platform party, and recalled Aird's successful term as lieutenant-governor.

"When he was sworn in to that office, he said he hoped to perform his duties with a minimum of pomp and a maximum of good humour. That, it seems to me, is a good recipe for a leadership role in a modern university. The man and the institution are worthy of each other," Dickson said.

Queen's Chancellor Benidickson spoke on behalf of the approximately 20 chancellors and other representatives of Canadian universities represented on the platform.

She praised Aird's contribution, as chancellor of Wilfrid Laurier University, to post-secondary education and noted that while he is the 28th person to hold the post at U of T, she is only the 10th at Queen's. "One must conclude that the duties here are much more arduous," she said. "Accordingly, we wish you strength."

Ceremony

The greetings and Aird's address came after a stately procession into Convocation Hall by the capped and gowned platform party and other enrobed guests. Governing Council secretary Jack Dimond read the instrument of appointment to the office of chancellor to the assembly, after which President Connell left the dais to conduct the new chancellor into the hall. Led by the bedel — Bert Pinnington, director of alumni affairs — and the principals, presidents and provosts of the colleges, Aird entered and took the oath of office, administered by Joanne Uyede, president of the U of T Alumni Association, the body responsible for electing the chancellor. Upon pledging to keep the statutes, liberties, customs, rights and privileges of the University, Aird was invested with the authority and responsibilities of office by President Connell. University College Principal Peter Richardson and the bedel then robed Aird in a ceremonial black and gold gown.

As he left the platform following thanks from the president, Aird broke ranks briefly to greet several people in wheelchairs, including a young boy whom he kissed on the top of the head. He then returned to the procession and led the guests out of the hall to a reception in a blue and white marquee just outside.

The installation was organized by ceremonials assistant Kay Takenaka and a committee chaired by Joan Randall, vice-chairman of Governing Council. The other committee members were Jack Dimond, Lee MacLaren, director of private funding, Marvi Ricker, director of public and community relations, and Irene Birrell, assistant secretary of Governing Council.

Other guests included Ontario Lieutenant-Governor Lincoln Alexander, Emmett Cardinal Carter, chancellor of St. Michael's University, Governing Council chairman St. Clair Balfour, three former presidents, James Ham,

John Evans and Claude Bissell, and former U of T chancellors George Ignatieff, Pauline McGibbon and the Rev. Arthur Moore, who, as chaplain, offered the prayer, the chancellor's wife, his mother, sister and four children, former Governor-General Roland Michener, Metro chairman Dennis Flynn, Major-General Richard Rohmer and artist Alex Colville, chancellor of Acadia University.

The music was performed by University organist John Tuttle and the Faculty of Music's brass ensemble, directed by Professor Stephen Chenette.

Tuzo Wilson wins new Encyclopaedia Britannica award

Professor Emeritus J. Tuzo Wilson has received the Encyclopaedia Britannica Award for his contribution to the dissemination of knowledge.

The gold medal and \$15,000 (US) cash prize were presented to Wilson at a dinner held in his honour at the York Club this year. He will give two lectures in English-speaking countries other than Canada.

Five Britannica awards were conferred on scholars and researchers from Scotland, Australia, the US and Canada. This is the first time the encyclopaedia has made the awards.

One of the world's most eminent and energetic earth scientists, Wilson played a major role in the development and elaboration of the theories of plate tectonics and continental drift. He has travelled more than 500,000 miles in his lifetime, visited more than 100 countries and spoken at more than 100 universities on six continents.

Wilson was born in Ottawa in 1908, received his BA in physics and geology at U of T, his MA in geophysics at Cambridge and his PhD in geology at Princeton. In 1946, after six years in the Canadian Army, he returned to the University to become a professor of geophysics and principal of Erindale College from 1967 to 1974. He was named professor emeritus in 1977.

Following his retirement from U of T, Wilson became director of the Ontario Science Centre, a post he held until last year; he continues to serve as chancellor of York University.

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4.10 p.m.
Wednesday, October 1

Policy on harassment ready soon

In spite of some remaining disagreements over the University's proposed policy on sexual harassment, regulations should be in place by December, says Eric McKee, assistant vice-president, student affairs.

McKee told the Sept. 23 meeting of the Committee on Campus & Community Affairs that the draft policy now under discussion, although differing in format from the version published as a supplement to the May 5 *Bulletin*, contains few differences in substance.

One significant change is that the recommended policy now obliges the parties concerned to attempt an informal resolution of a complaint before initiating formal procedures.

The policy must be approved by the University of Toronto Faculty Association under the terms of an agreement with the administration that any disciplinary code affecting faculty must be negotiated with the association. It will be considered by UTFA's council Oct. 22.

The question of the timing of complaints posed problems in several university constituencies. The meeting was told that student organizations want complainants to be allowed to postpone filing a complaint until 20 days after the end of the academic session in which the incident is alleged to have occurred.

Jan Nolan, liaison officer of the Graduate Students' Union, told the meeting that some universities — Queen's, for instance — include such a provision in their sexual harassment policies. Nolan said the delay is essential to enable students to feel comfortable using the policy.

The Students' Administrative Council agrees with the GSU position on timing, Brian Burchell, university affairs commissioner of SAC, told the meeting. He said the option of delaying the filing of complaints until after the academic session would not merely assure students that their marks wouldn't be affected by filing a complaint. It would also protect professors from charges of being influenced in their marking by a complaint of sexual harassment against them, he said.

But the faculty association believes incidents should be dealt with in no less than six months. "Justice delayed is justice denied," Professor Henry Rogers, UTFA vice-president, grievances, said in an interview after the meeting. Rogers said remembering important evidence becomes difficult after longer than six months.

He also said speedy handling of cases results in less damage in the long run. If a complaint isn't filed until the end of term, he said, the offender could repeat the harassment throughout the year.

Student groups also want time limits to refer to the most recent incident of harassment. Victims tend to try to shrug off the first incidents of sexual harassment, Nolan explained. But if a victim postpones filing a complaint until the end of the session, the six-month time limit could mean that incidents that occurred at the beginning of the session wouldn't be admitted as evidence. The "most recent" wording, however, would allow reference to the entire history of the harassment.

The University of Toronto Staff Association supports the students' recommendations on the timing of complaints. Jose Sigoin, chair of the UTSA

status of women committee, said after the meeting that staff would like one further timing amendment: if so requested by the complainant, the complaints officer should delay acting on a complaint until the complainant has had time to find another job.

"Once you've left, you want to complain for the people who follow you," Sigoin said.

Apart from timing, the most contentious *see POLICY : page 4*

Heinke wants more support for engineering faculty

by Patrick Donohue

Some deans would not have been amused. But Gary Heinke was delighted to find one morning shortly after his appointment as dean of engineering that his office door led directly into a broom closet that had been constructed overnight by pranksters.

The escapade fit perfectly into Heinke's attempt to draw attention to the many problems — such as lack of space — facing engineering.

Heinke says the world expects great things of engineering — but the faculty needs help. "There is the impression out there that if you just let the engineers go to work, they'll find money. But staff are getting tired of having to find more and more research funds, not having sufficient time to perform the work. Pushing them further is inviting disaster."

Heinke, an environmental engineer who served as chair of the Department of Civil Engineering from 1974 to 1984, is well known for his work on physical-chemical waste treatment and environmental improvement in Arctic communities. A member of several committees both within and outside the University, he has served as chair of the NSERC Advisory Committee on Engineering for the past two years.

Heinke says the constraints imposed on engineering by the financial cutbacks

Varsity Fund's 25th anniversary

Nearly 100 volunteers gathered at Bell Canada Sept. 24 to take part in the Varsity Fund 25th Anniversary Phonathon to raise money for the U of T Library. A dozen more alumni, students, and staff at Scarborough and Erindale Colleges took part in the festivities and fundraising.

In choosing a project that might attract new donors from all 30 Varsity Fund constituencies, members of the anniversary organizing committee, chaired by Doug Kingsbury, concluded that the library best exemplified the 1986 Varsity Fund theme

"What Price Greatness?"

Last week's event succeeded in recruiting nearly 600 new donors who made specified gifts and pledges totalling \$23,000. To date, the 1986 phonathons have recruited a total of 825 new donors. The goal is 2,500 by the end of November.

Since 1961, more than \$18 million has been donated by alumni and friends to the University and to colleges, faculties and departments that constitute the Varsity Fund. Last year's phonathons, an important Varsity Fund activity, raised \$250,000.

of the past 15 years could cripple the faculty if they continue unabated. And because engineering's broad mandate requires it to carry small programs in emerging fields, opportunities for shifting funds internally are more limited in engineering than in some other faculties.

In Heinke's view, the loss of excellent staff could be the worst result of the financial crunch. "We might slowly decline from a very good — in some cases an excellent — faculty to a mediocre one. I'm going to do everything in my power to stop that from happening."

So faculty renewal ranks high among Heinke's priorities. "We need to re-establish the means to attract people to Toronto, means that are very important, particularly to young people," says Heinke. "You can't buy stars these days: you have to grow them."

To attract potential stars, Heinke envisions such changes as a guarantee of research funds with every tenure-stream appointment, speeded-up appointment procedures and a "hunting licence" enabling the faculty to publish a standing advertisement every few months to attract young faculty.

As for salaries, Heinke acknowledges that professors shouldn't expect to make as much as they could in industry. But he says faculty salaries should at

least compare favourably with those of the one or two engineering faculties in Canada and the half dozen in the US who are U of T's competitors. To Heinke, it's illogical to expect engineering faculty at U of T to lead the field and yet to compare faculty salaries to the national average.

Regarding research contracted from outside the University, Heinke cites the great strides made by outgoing Dean Gordon Slemon, during whose term funds for research contracted by government and industry quadrupled. The vice-dean, Mike Charles, will follow up Slemon's initiatives towards industry. Heinke would also like to see more cooperation with the provincial government on projects like the occupational health program, a joint effort of the faculties of engineering and medicine funded by the Ministry of Labour.

Concerned about the broad education of engineers, Heinke says it's important that engineers, especially at the undergraduate level, receive education on social issues. Heinke also wants engineering students to acquire better communications skills. He believes the faculty should refuse to graduate any students who have not mastered written and spoken English — regardless of their marks in other areas.

Heinke cites the massive number of retirements soon to take place as the single most important issue affecting the whole University. Because half the present faculty will have left U of T by the year 2000, he says, the University should decide its future shape now. He says the haphazard distribution of faculties resulting from the rapid growth of the 1950s and '60s should be sorted out.

In spite of the difficulties facing university administrators these days, Heinke expresses optimism and enthusiasm about his role as dean.

"It will be a challenge and a lot of fun," he says. "This university is the place I want to be. One often forgets to say that."

Business affairs office reorganized

Eleanor DeWolf new assistant vice-president, human resources

Eleanor DeWolf, formerly director of the Personnel & Labour Relations Department, has been appointed, effective Oct. 1, to the new position of assistant vice-president, human resources, Alec Pathy, vice-president (business affairs), has announced. The position of director of personnel has been eliminated.

The new post was created in a reorganization of the Office of Business Affairs, implemented as a result of the impending departure of the assistant vice-president, personnel and central services, Bruce McDougall. McDougall leaves the University Oct. 1. His portfolio will be taken on by: Robert White,

assistant vice-president (finance), who will assume responsibility for the purchasing and internal audit departments; Janice Oliver, assistant vice-president (facilities and administrative systems), who will be responsible for the post office and campus mail services, and the ancillary operations consisting of residences, food and beverage services and parking; DeWolf, who will handle personnel and labour relations, secretarial and day care services.

DeWolf's principal office will be in the business affairs office in Simcoe Hall, but she will also maintain an office in the personnel department.

Correction

A headline in the Sept. 15 *Bulletin* announced a "New Violinist for the Orford". In fact, Robert Levine is the Orford Quartet's new violinist.

Policy

Continued from page 3

tious issue is the policy's definition of sexual harassment. UTFA wants to see verbal harassment described as repeated or extreme. Rogers said UTFA believes it's important to dis-

Future of architecture

The administration will bring a recommendation on the future of the Faculty of Architecture & Landscape Architecture to the Nov. 6 meeting of the Academic Affairs Committee, Provost Joan Foley told committee members Sept. 26.

Foley said responses to the July task force report on architecture continue to be received and considered.

The task force was established by President George Connell to study and elaborate on the idea of establishing an autonomous College of Architecture to replace the troubled faculty.

Principal Arthur Kruger of Woodsworth College, who represented the task force at the meeting, told academic affairs he does not believe further study of a revamped faculty by another task force is necessary. Enough information already exists for academic affairs to choose between a reorganized faculty and a college, he said.

tinguish between incidents of genuine harassment as opposed to comments that may simply have been in bad taste.

In a telephone interview, Nolan said the GSU objects to the "repeated and extreme" designation as "too vague, too open to interpretation later".

The meeting considered how the administration's suggested qualification of verbal sexual harassment as that which "exceeds the bounds of freedom of speech in the University" might affect cases. Some committee members felt the reference would make prosecution more difficult. But McKee said the administration feels freedom of speech should be mentioned in the policy because the issue would inevitably be raised as a defence.

Nolan objected to the provision in the policy whereby the complaints hearing board could order remedies deemed appropriate to redress any harm or injustice suffered by either party. She said the GSU doesn't feel that someone who files a complaint in good faith should be compelled to offer any compensation to the respondent should the case fail to be proved. Only a complainant who perpetrates deliberate fraud in filing a complaint should have to offer redress, Nolan said.

The GSU feels the appointment of complaints officer should be full time so that the officer can fulfil the job's all-important educative function, Nolan said. The main purpose of the policy is to encourage offending members of the University community to alter their behaviour so that the policy will not have to be used, she said. It's not meant to back sexual harassers into a corner.

PHD ORALS

Please contact the PhD oral examination office at 978-5258 for information regarding time and location for these listings.

Friday, October 3
Susan L. Ehrlich, Department of Linguistics, "A Linguistic Analysis of Point of View of Fiction." Prof. J.K. Chambers.

Maurice Esses, Faculty of Music, "Dance and Instrumental 'Diferencias' in Spain during the 17th and 18th Centuries." Prof. R. Falck.

Brian O'Dowd, Department of Clinical Biochemistry, "The Beta-subunit of Human Beta-Hexosaminidase: Isolation of cDNA Clones; Characterization of Glycopeptides; Genetic Defects." Prof. J. Lowden.

Nellie M. Perret, Department of English, "T.E. Hulme's Contribution to Modern Poetry and Poetics." Prof. E.W. Domville.

Shmuel Jacob Shamai, Department of Education, "Ethnic and National Identity among Jewish Students in Toronto." Prof. P. Corrigan.

Steven Anthony Vaitkus, Department of Sociology, "Intersubjectivity and the Social Group: An Investigation into Intersubjectivity as a Problem of the Social Group Based upon the Works of George Herbert Mead, Aron Gurwitsch and Alfred Schutz." Prof. R. MacKay.

Monday, October 6
Rona Grace Achilles, Department of Education, "The Social Meaning of Biological Ties: A Study of Participants in Artificial Insemination by Donor." Prof. M. Eichler.

David Haniford, Department of Biochemistry, "Sequence-Dependent DNA Polymorphisms." Prof. D. Pulleyblank.

Gloria Kissin, Department of Computer Science, "Modeling Energy Consumption in VLSI Circuits." Prof. S. Cook.

Enrique Perez-Castillo, Department of Comparative Literature, "The Self-Referential Poem: The Spectrum of Consciousness in Selected 20th Century Poetic Texts." Prof. M.J. Valdés.

Tuesday, October 7
Thomas Carmichael, Department of English, "Nihilism and the Tragic View: Formal and Thematic Unity in the Fiction of John Barth." Prof. T. Adamowski.

J. Michael Schiff, Department of Immunology, "Levels of Specificity in the Endocytosis and Transport of IgA and Asialoglycoprotein." Prof. B.J. Underdown.

Michael Ka Keu Wong, Department of Pathology, "Endothelial Integrity: In Vitro Studies on the Role of Microfilaments and Microtubules in Reendothelialization." Prof. A.I. Gotlieb.

Wednesday, October 8
Earla Wilputte, Department of English, "The Function of Human Relationships in Fielding's Plays and Novels." Prof. W.J. Howard.

Thursday, October 9
Tanya Gardiner-Scott, Department of English, "Mervyn Peake: The Evolution of a Dark Romantic." Prof. J. MacPherson.

Janet Darlene Greeley, Department of Psychology, "Conditioned Inhibition in a Homeostatic Response System: Evidence from Pharmacological Conditioning with Naloxone and Morphine." Prof. H.D. Cappell.

Lori Anne McElroy, Department of Psychology, "Active Participation in the Learning Process: An Analysis of the Generation Effect." Prof. N.J. Slamecka.

Linda Penn, Department of Microbiology, "Development and Application of Monoclonal Antibodies against Interferon Regulated Proteins." Prof. P.J. Middleton.

Friday, October 10
Paul Winchester Chodas, Department of Aerospace Science & Engineering, "Dynamic Orbit-Attitude Coupling Effects in the Combined Orbit and Attitude Determination for a Low-Altitude Earth-Orbiting Satellite." Prof. P.C. Hughes.

Wladyslaw Cichocki, Department of Linguistics, "Linguistic Applications of Dual Scaling in Variation Studies." Profs. J.K. Chambers and P.R. Leon.

Hugh Murray Kenneth Grant, Department of Economics, "The Petroleum Industry and Canadian Economic Development: An Economic History, 1900-1961." Prof. A. Rotstein.

Ananda Kodikara, Department of Education, "Schooling, Politics and the State: The Pattern of Postsecondary Schooling Changes in Ontario from Post-World War II (1945) up to the Bovey Commission (1985)." Prof. P. Corrigan.

Keith Lawson, Department of English, "Thomas De Quincey's Visions of Human Nature and Society." Prof. V. De Luca.

Salim Syed Mansur, Department of Political Science, "Modernization and Islam: The Experience and Lesson of Pakistan." Prof. V. Falkenheim.

Eric A. Reitan, Institute for the History & Philosophy of Science & Technology, "Galileo and the Principle of Inertia: An Historical and Philosophical Investigation into the Origin and Development of the Law of Inertia." Prof. J.Z. Buchwald.

Clifford Werier, Department of English, "Profitable Wonders' the Rhetoric of Instruction in Thomas Traherne's *Centuries of Meditation*." Prof. H.R. MacCallum.

Tuesday, October 14
Nina Diane Bregman, Department of Physics, "Tomographic Inversion of Crosshole Seismic Data." Prof. R.C. Bailey.

Rui Wang, Department of Electrical Engineering, "Asynchronous Sampling Receiver." Prof. J.L. Yen.

Thursday, October 16
Susan Joy Brison, Department of Philosophy, "Do We Think in Mentalese?: A Critique of the 'Language of Thought' Hypothesis." Prof. L.W. Forgas.



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Noon-2:30, 5-11 p.m., Mon.-Fri. Sat. 5-11 p.m. Closed Sunday.

Search committee, arts and science dean

President George Connell has appointed a search committee to recommend a dean of the Faculty of Arts & Science for a term beginning July 1, 1987. The membership of the committee is: Professor Joan E. Foley, vice-president and provost (*chair*); Professor Thomas H. Adamowski, chair, Department of English; Krishna M. Balkissoon, student, New College; Professor Marsha Chandler, Department of Political Science; Professor Ronald W. Missen, Department of Chemical Engineering & Applied Chemistry; Professor Keith L. Moore, associate dean, basic sciences, Faculty of Medicine; Jovita Nagy, student, Erindale College; Professor Jutta K. Reed, Department of Chemistry, Erindale College; Professor Peter Richardson, principal, University College; Professor Thomas M. Robinson, dean, School of Graduate Studies; Professor G. Ronald Williams, principal, Scarborough College; Professor John Williams, chair, Department of Botany; Terezia Zoric, student, St. Michael's College; and Stella Gamble, senior administrative officer (*secretary*).

The committee will welcome nominations and comments; these may be submitted to the secretary of the committee, Stella Gamble, Office of the Vice-President and Provost, Simcoe Hall, or to any member of the committee, no later than *October 31*.

Arts and science search committees

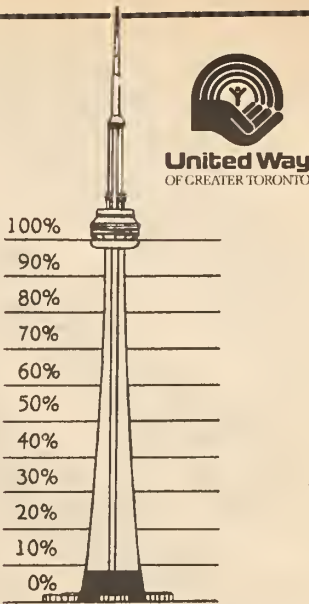
The following search committees have been established in the Faculty of Arts & Science to recommend a chairperson in each of the following departments.

History
Dean R.L. Armstrong (*chairperson*); Vice-Dean Jane Millgate; Professors P.J. Perron, associate dean, School of Graduate Studies; Larry Epstein, Department of Economics; M.P. Winsor, Institute for History & Philosophy of Science & Technology; R.V. Coleman, Sylvia Van Kirk and R.J. Helmstadter, Department of History; W.B. White, Humanities, Erindale College; and Modris Eksteins, Humanities, Scarborough College.

Mathematics
Dean R.L. Armstrong (*chairperson*); Vice-Dean J.J.B. Smith; Professors Rose Sheinin, vice-dean, School of Graduate Studies; David Andrews, Department of Statistics; E.E. Pickett, Department of Industrial Engineering; P.C. Greiner, D.K. Sen and E.J. Barbeau, Department of Mathematics; S.P. Boyer, Physical Sciences, Erindale College; and J.B. Friedlander, Physical Sciences, Scarborough College.

Physics
Vice-Dean Jane Millgate (*chairperson*); Vice-Dean J.J.B. Smith; Professors Rose Sheinin, vice-dean, School of Graduate Studies; S.D. Tremaine, Canadian Institute for Theoretical Astrophysics; J.L. Yen, Department of Electrical Engineering; Robert Holdom, Derek York and Jan Van Kranendonk, Department of Physics; Fraser Code, Physical Sciences, Erindale College; and J.D. King, Physical Sciences, Scarborough College.

The committees would appreciate receiving nominations and/or comments from interested members of the University community. These can be made verbally or in writing to the chairperson of the committee, or to any member.



Good sports

A 5-km. run/obstacle course, organized by SAC Sept. 14, raised \$1,500 for the United Way. About 300 students, faculty and staff ran around the front campus and Queen's Park, and ended up in front of the SAC office, where they had to roll tires and climb over and under obstacles, with balloons in their mouths. Among the good sports was a team from Simcoe Hall: (back row) George Connell, David Cook, Ed Thompson, Bernie Angelow and Eric McKee; (front row) Joan Foley, Marvi Ricker, Janice Oliver, Alec Pathy, Susan Krizancic and Janet Dunbrack. Winner of the race was third-year St. Mike's student Andy Smith.

The CN tower is being used by Toronto and by U of T to monitor the progress of the United Way campaign. (Above, the U of T picture at the initial stages of the campaign.)

Governing Council by-election

Because of the resignation of Lillian Chu, there will be a by-election in the Full-time Undergraduate Students Constituency II.

Nominations open September 29 and will remain open until noon October 10.

Full-time Undergraduate Constituency II consists of all full-time students registered in the following faculties or schools: Dentistry, Nursing, Medicine, Pharmacy, Physical and Health Education, Education, Applied Science and Engineering, Architecture and Land-

scape Architecture, Forestry, Law and Music.

The *Election Guidelines* state that both members of this constituency may not be registered in the same faculty or school. Since the other elected representative of this constituency is a student from the Faculty of Applied Science and Engineering, an engineering student nomination will not be acceptable but engineering students may sign as nominators and vote in an election.

By-election schedule	
Nominations open	Sept. 29
Nominations close	Oct. 10, noon
Ballots mailed	Oct. 30
Close of election	Nov. 18, noon
Winner declared elected	Nov. 24
Information about the Governing Council and nomination forms may be obtained from Susan Girard, chief returning officer, room 106, Simcoe Hall, 978-6576.	

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UNIVERSITY OF TORONTO

THURSDAY, OCTOBER 23, 1986

Chairman: P. Seeman, M.D., Ph.D.

- 12:00 noon** Welcoming remarks
C.H. HOLLENBERG, M.D., President, Gairdner Foundation
- 12:10 p.m.** The use of synthetic oligonucleotides in molecular genetics
MICHAEL SMITH, Ph.D.
University of British Columbia, Vancouver
- 12:30 p.m.** On the shoulders of giants
ADOLFO J. de BOLD, Ph.D.
University of Ottawa, Ottawa
- Elucidation of the structure of a new peptide hormone
T. GEOFFREY FLYNN, Ph.D.
Queen's University, Kingston
- Physiological role of ANF
HARALD SONNENBERG, Ph.D.
University of Toronto, Toronto
- 1:10 p.m.** Cyclosporine as a drug and research tool
JEAN-FRANÇOIS BOREL, Ph.D.
Sandoz Ltd., Basel, Switzerland

FRIDAY, OCTOBER 24, 1986

Chairman: L. Siminovitch, O.C., Ph.D.

- 12:00 noon** Transcription unit design and gene regulation in mammals
JAMES E. DARNELL, M.D.
The Rockefeller University, New York
- Splicing of intron sequences
PHILLIP A. SHARP, Ph.D.
Massachusetts Institute of Technology, Cambridge
- 12:40 p.m.** The nature of T cell surveillance
PETER C. DOHERTY, Ph.D.
The Australian National University, Canberra
- Biological role of major transplantation antigens
ROLF M. ZINKERNAGEL, M.D., Ph.D.
University of Zurich, Switzerland

Information (416) 493-3101

The Gairdner Foundation was formed in 1957 by the late James A. Gairdner and his family in Toronto. Each year, Gairdner Foundation International Awards are given to a small number of scientists in recognition of their contributions to medicine.

Members of the Governing Council 1986-87

Ex-Officio

Chancellor John Black Aird
President George E. Connell

Administrative Staff

Judith Gilliland
Michael Jackel

Alumni

D. Miller Alloway, Faculty of Applied Science & Engineering
Paul M. Cadario, Faculty of Applied Science & Engineering
Dorothy M. Hellebust, Victoria College
Brian Hill, Scarborough College
R. Gordon Romans, Victoria College
Burnett M. Thall, Faculty of Applied Science & Engineering
Joanne Uyede, Innis College
Edward G. Wilson, Faculty of Forestry

Government Appointees

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Joan R. Randall (vice-chairman)
E. Kendall Cork
J. Douglas Grant
W. Bernard Herman
Mary C. Kent
Lily H. H. Lau
Margaret H. McCabe
Robert J. McGavin
Desmond B.J. Morin
Deane I. Murdy
Elizabeth H. Pearce
D. Joanne Philpott
Julia Ann Ryan
Gerald W. Schwartz
F. Gerald Townsend

Presidential Appointees

Dean A. Richard Ten Cate, Faculty of Dentistry
President James K. McConica, University of St. Michael's College

Graduate Students

Fawn Currey, Centre for Industrial Relations
Cathy Laurier, Ontario Institute for Studies in Education

Full-time Undergraduate Students

Michael Bilaniuk, Faculty of Applied Science & Engineering
Brian Burchell, Scarborough College
Anne-Marie Kinsley, St. Michael's College

Part-time Undergraduate Students

Claire Johnson, Woodsworth College
David W. Power, Woodsworth College

Teaching Staff

Professor Paul L. Aird, Faculty of Forestry
Professor Roger L. Beck, Department of Classics, Erindale College
Professor William J. Callahan, Department of History
Professor Bernhard Cinader, Department of Immunology
Professor Frederick T. Flahiff, Department of English, St. Michael's College
Dr. William H. Francombe, Faculty of Medicine
Professor John H. Galloway, Department of Geography
Professor Roger M. Savory, Department of Middle East & Islamic Studies
Professor F. Arthur Sherck, Department of Mathematics
Professor Dennis C. Smith, Faculty of Dentistry
Professor Dorothy E. Smith, Ontario Institute for Studies in Education
Professor S.M. Uzumeri, Department of Civil Engineering

As approved by Governing Council in June, the number of Council meetings has been reduced from 10 to seven. The first meeting will be held Oct. 23.

Search committee, dean of medicine

President George Connell has appointed a search committee to recommend a dean of the Faculty of Medicine for a term beginning July 1, 1987. The membership of the committee is: Professor Joan E. Foley, vice-president and provost (chair); Professor Robin L. Armstrong, dean, Faculty of Arts & Science; Professor Mary Jane Ashley, chair, Department of Preventive Medicine & Biostatistics; Professor Barry F. Brown, acting principal, St. Michael's College; Professor James D. Friesen, chair, Department of Medical Genetics; Marc Kravis, student, Faculty of Medicine; Professor Antony H. Melcher, associate dean, School of Graduate Studies, Division IV — Life Sciences; J. Fraser Mustard,

president, Canadian Institute for Advanced Research; Professor Eliot A. Phillipson, Department of Medicine; Rebecca Rotenberg, student, Faculty of Medicine; Professor Rose Sheinin, Department of Microbiology; Gerald P. Turner, president, Mount Sinai Hospital; Beverly C. Walters, resident, Toronto General Hospital, Division of Neuropathology; and Stella Gamble, senior administrative officer (secretary).

The committee will welcome nominations and comments; these may be submitted to the secretary of the committee, Stella Gamble, Office of the Vice-President & Provost, Simcoe Hall, or to any member of the committee, no later than October 31.

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'I dedicate myself to the service of the University of Toronto'

Following is the text of the address given by John Black Aird on his installation as Chancellor.

At the outset, I would like to thank my friend, the Chief Justice of Canada, for his most generous introduction. We have known each other a long time and there is no one for whom I have a higher respect.

I would also like to acknowledge the kind greetings of Agnes Benidickson made on behalf of the distinguished company of Chancellors and also the warm welcome given to me on behalf of the faculty and students.

Secondly, I would like to thank the alumni of this great university for electing me as Chancellor. I follow in a very proud tradition — recently exemplified by the term of Dr. George Ignatieff, who has given so much to the public service of Canada and, in particular, his great efforts, together with his wife Alison — to serve the University of Toronto.

Thirdly, I would like to say that I dedicate myself to the service of the University of Toronto; I have received no greater honour and I will do my utmost to deserve my election.

As a wartime student at Trinity College, I made lifetime friends, many of whom are here today, and many special friends who gave their lives in the Second World War. Because of these friendships, I feel that I have a sizeable debt to the University of Toronto and it is my intention to repay that debt to the best of my ability.

I would like to give a message to the students who are attending this university today, with the full knowledge that you are a far different group than we were as students.

What does one say on an occasion such as this one, particularly in this forum and with this distinguished audience?

It cannot be a trite message full of empty platitudes or nostalgia. It must be a positive statement of intent.

Simply stated, it is — I will be involved in every aspect of this university that is consistent with the obligations and duties of Chancellor.

I looked back to the speech I made when I became Lieutenant-Governor of Ontario in September 1980, and I found one or two useful and appropriate paragraphs that I would like to paraphrase for today:

"I believe that in order to maintain anything of quality, it is necessary to be vigilant and protective of its basic nature. It is my belief that the work ethic and the pursuit of excellence continue to be the fundamentals upon which a strong society sustains and fulfils itself. In truth, it is hard work and honest achievement, tempered with compassion and humour, that bring us real happiness and give our lives meaning.

"With the guidance of God, I pray that my wife and I will be given the wisdom and strength to be worthy representatives. I trust that what I say today is said without false pride or false humility. I hope to discharge the office I now accept observing the appropriate traditions, but with a minimum of pomp and a maximum of good humour. I will not let you down."

When I was first approached about becoming Chancellor, I did several things.

Among the steps I took was to have a private interview with the Premier of Ontario, the Honourable David Peterson. After serving to the best of my ability as Chancellor of another fine



RUTH KAPLAN

university, Wilfrid Laurier, I felt it necessary to advise him that, as Chancellor of the University of Toronto, I would be sitting across a desk from him. There would be no doubt about my position. There would be no doubt that I would be seeking government support and funding. And there would be no doubt about my tenacity in fighting for what I believe to be right and of vital importance to this province, namely, the well-being of not only the University of Toronto but also all the universities in Ontario.

He kindly acknowledged my position and encouraged me to allow my name to stand for election.

I felt that it was important to have this interview with the premier, not only because I was seriously considering my own possible involvement, but also because I had become personally aware of the serious consequences of the underfunding of our universities. I feel that it is the duty of all concerned citizens to make all governments aware of the critical need for increased funding. I also feel that it is the duty of all concerned citizens to recognize more than ever before in the history of our country that they must dig as deeply as possible into their own pockets, within their respective means, to make sure that the leaders of tomorrow who graduate from our universities today have the very best education.

Our most precious resource is our people. Each new generation of young Ontarians provides the opportunity of a fresh start for Ontario. Whether that opportunity is taken depends more on our educational system than anything else. It does not seem to me consistent with the dignity and reputation of our province, nor compatible with the aspirations of our people, nor, if I may

say so, consonant with the laudable policy objectives of our government, that Ontario should lag behind its sister provinces in its general support of higher education. Ontario should always lead, not follow, in this most important matter.

There will be a capital campaign at the University of Toronto in the near future and it is my intention to participate fully in the preparation and execution of that campaign. I regard it as one of the great challenges of my life.

Let me give you a message that I prepared late last year because it sums up the way I feel about becoming Chancellor of this great university:

I believe that the structure of our society and our nation rests upon two foundation stones — the family and the educational system.

Outside of the family, central to the process of social growth and renewal is cultural transmission. The mechanism created by our society to help fulfil this role has been our educational system. Little wonder, then, why it has had such a pride of place in my life and thoughts and why the present interest in educational reform cannot be taken lightly by any thinking citizen. No society that wishes to continue to prosper and improve in the years ahead will do so, unless it is willing to devote a high proportion of its resources to improving the experiences and abilities of its young people. It is the function of education to illuminate what is known and believed in order to help each of us to examine, assess, question, understand, add to, and transmit that body of knowledge.

Education remains one of the soundest investments for our nation's future.

Societies are continually made over by the people in them. How they are made

over depends on the quality of the people and the knowledge and ideas they own. For everything vital to our society is based ultimately on knowledge and ideas. We are what we think! And so ideas are the motive forces which will shape our history.

I believe that there is a very real connection between what I have just said and what now follows.

The concepts of family and education lead me inevitably to consider the concepts of loyalty and what I have chosen to call civic humanism. I say inevitably because I have always taken it as a given that the purpose of a democratic society, especially ours, is to provide an environment in which one can live a good and just life. It is my heartfelt opinion that such a life is best defined within the context of appropriate loyalties held within the right scale of values.

Loyalty is not a very fashionable attribute these days. In recent times we have tended to associate loyalty with blind faith to political movements or forms of extreme nationalism. However, this was not always the case. Even a cursory review of history and literature reveals the roots of loyalty go back to ancient times and may be found deep in religious consciousness. For this reason, loyalty is an essential ingredient in any civilized and humane system of morals.

Be clear, though, loyalty is primarily an attitude. It represents the willing and practical devotion of a person to a cause which is generally greater than the private self. It emerges out of a social matrix where the process of loyalty formation, growth and change is closely related to that involved in preparing us to develop our sense of identification and later self-realization. During this process we are introduced to our personal value systems and these value systems become the moral code we choose to live by. In this sense loyalty integrates our lives.

Loyalty, then, is important because it sustains the individual and the polity, in that it lays the groundwork necessary for shared effort and unity of purpose, which give each of our lives a centre and stability. Both are indispensable to the construction of a good and just society. The importance of loyalty is that it represents a state of mind and habit of living through which the heart can become attached. For this reason, we must be careful in choosing those causes we can support.

As a nation, we need not agree on all causes to support. But it is necessary to develop consensus on what kind of nation we wish to live in as Canadians and what kind of society we wish to help develop within the world. My "centre" is civic humanism, and it involves the affirmation of a philosophy of living, which recognizes that in a good and just society all individuals must have the opportunity and encouragement to develop their powers; that virtue could best be achieved through participation in civic life; and that self-fulfilment must work for the benefit of the whole.

This university is a vital part of our educational system. As such it makes a supremely important contribution to the evolution of knowledge, the shaping of ideas, and the formation of new generations of scholars, teachers, leaders, practitioners of many professions and disciplines. Each student takes from this place his or her own knowledge, ideas and values. My own values, my commitment to civic humanism, loyalty, were in part shaped here.

I am glad to be back.



THE McLuhan Program in Culture and Technology

McLuhan Program Seminar Series for 1986-87

Literacy and Computing

The Seminar is a continuation of last year's *Problems in Literacy* seminar but will broaden its concerns to include relations between literacy and computing, focusing on issues such as how to make texts on computer screens more readable, how to use computers to break down the classical distinctions between reader and writer, the relations between written text and the oral talk around text, how to read graphic displays, as well as the more conventional topics such as reading, writing, writing systems, learning to read, and learning to write.

The Seminar will meet on the first working Monday of every month at 4:00 p.m. at the Coach House, 39A Queen's Park Cresc. Students, faculty, educators and members of the public who are interested and especially those who are conducting research related to these topics are invited to attend the seminars.

Scheduled speakers are:

Monday, October 6, 1986. **Ian Spence** (Psychology, U of T), *Reading Graphs*.

Monday, November 3, 1986. **Shirley Brice Heath** (Linguistics and Education, Stanford University), *Oral language in literate contexts*.

Monday, December 2, 1986. **Roy Pea** (Educational Technology, New York University), *Cognition and computing in education*. Pea is editor of the forthcoming book *Theories of minds: Patterns of experience in educational computing*.

Monday, January 5, 1987. **James Duncan** (Geography, Syracuse University), *The city as text: The landscape of charismatic rule in 18th Century Candy*.

Monday, February 2, 1987. **Jay Bolter** (Classics, University of North Carolina), *Linear and non-linear writing in the computer age*. Bolter is author of the acclaimed book *Turing's Men*.

Monday, March 2, 1987. **Ken Morrison** (Sociology, York University), *Greek textual literacy: A re-examination*.

Monday, April 6, 1987. **David Barton and Mary Hamilton** (Linguistics, University of Lancaster), *Linguistic dimensions of adult illiteracy*. Barton and Hamilton are Visiting Scholars at OISE for Spring, 1987.

The year's program will be concluded with a special three day seminar on *Orality and Literacy* which will be co-sponsored with the Semiotics Institute and which will involve such scholars as Walter Ong, Eric Havelock and Jacques Derrida.

IN MEMORIAM

Sharon Butler, an editor of the Dictionary of Old English and a member of the Department of English, Aug. 17, at the age of 43, of amyotrophic lateral sclerosis (ALS). The disease, which is fatal and usually lasts from two to five years, is better known as Lou Gehrig's disease.

Professor Butler was educated in the US and then at the University of Western Ontario, from which she received a PhD in 1976. In 1977 she joined the Dictionary of Old English project at U of T. Her interest in lexicography led her to co-edit, with Richard L. Venezsky, A

Microfiche Concordance to Old English: The High Frequency Words (Toronto, 1985). For many years she served on the U of T's Conference on Editorial Problems Committee.

When her illness prevented her from going to the office, she continued work on the dictionary from her bed. She wrote with the aid of a personal computer and a special software program activated by means of pressure applied by one finger and later, as the disease progressed, by mouth. She also kept a diary of her illness, which she found had its moments of comic relief. It is to be

published as a book under the title *250 Rogers Road*, the address of the ALS association office, which, as she discovered when she went there, is located in a cemetery — the cemetery where she is buried.

Sharon Butler was not only a scholar, editor and teacher but an authority on food. The author with Constance Heatt of *Pleyn Delit: Medieval Cookery for Modern Cooks* (Toronto, 1967) and of *Curye on Inglysch: English Culinary Manuscripts of the Fourteenth Century* (London, 1985), she organized and presided over many medieval banquets.

Jean Manery Fisher, professor emeritus, Department of Biochemistry, Sept. 9

Jean Manery Fisher was associated with the University of Toronto for well over 50 years, as student, as professor, as teacher of undergraduate students in science, in medicine and in dentistry, as supervisor of graduate students and as a scientist. Without even knowing it Jean Manery was a vital, generous, loving and demanding role model for scientists generally; but most particularly for those women who could turn to few in our university to cheer them on. Jean did not discriminate. She coached, cajoled, laughed, taught and carried all those who came into contact with her onward and upward.

Dr. Jean Manery Fisher was a pioneer in the study of the plasma membrane, that organelle on the outside of cells which carries all vital nutrients into a cell, which carries messages from one cell to another, and which transports out from the cell all unnecessary materials and degradation products. When she entered science in 1928, she recognized that water and ions like sodium, potassium and calcium were crucial to life. And therefore she chose to study them. This evolved into a life-long study, long anticipating the present flurry of activity on the cellular membranes, their transport proteins, their receptors for hormones, for mediators of pain and emotions, the channels for entry of toxins and, of course, the biological performer which she herself chose for study; the enzyme of the sarcoplasmic reticulum (muscle cell framework) responsible for the exchange of ions, water and energy.

Dr. Jean Manery began her career at the University of Toronto, where she obtained her BA in 1932. In the Department of Physiology

she earned an MA in 1933 and then a PhD in 1935. Armed with scholarships from the US National Research Council she moved to Harvard, to Woods Hole and to the University of Rochester in the course of her post-doctoral studies and early entry into her first career positions: assistant and demonstrator. With her husband, Dr. K.C. Fisher, she returned to Toronto; he as a professor in the Department of Zoology, she as a demonstrator and lecturer in the Department of Biochemistry and Zoology.

Only in 1948, after Jean Fisher had served so well and so loyally during the war to replace those in active service, did she finally achieve the rank of assistant professor. This was followed in 1959 and 1965 by promotion to associate and full professor respectively. In 1976, Jean Fisher retired, sort of, because she had reached the age of 65. Until she died in the early morning of Sept. 9, at the age of 78, she continued to do science; i.e. to do experiments, to disseminate the information gained in the scientific literature and to rear a new and vital generation of young scientists, both women and men.

Jean Manery Fisher was a pioneer in many dimensions. She began her professional life as was the norm for her period in Canadian life: as a teacher in Chesley, the town of her birth. As did many women of her generation, she then moved on to the career of her real choice. Her love of life, seen in every aspect of what she did, steered her scientific activities. She wanted to understand the living being and its unit cell. Although as a biochemist, she was required to take the cell apart, she never took her eyes off the ultimate goals: understanding what made the living cell work. The skills she acquired as a

teacher never left her. She has taught a whole generation of scientists of all ilks, leaving her indelible mark upon them and therefore upon the country.

Jean Manery Fisher came to her feminism of the day, from 1908 to 1986 honestly and directly. She was a luminous model then and now. Only very recently did she become aware that this was the case because for Jean every human being had a joy and worth worthy of nurture, tolerance and love.

Dr. Jean Fisher was honoured in many ways throughout her lifetime. In 1977 she was awarded the Queen's Jubilee Medal for her contributions to science. In 1981 the Canadian Association for Women in Science and the Equal Opportunities Committee of the Canadian Biochemical Society honoured her at their Inaugural Dinner held annually at the meetings of the Canadian Federation of Biological Societies. And in 1982 Memorial University of Newfoundland conferred upon her an Honorary Doctor of Science.

Dr. Jean Manery Fisher's contributions to the School of Graduate Studies are long and deep. During her career in the Department of Biochemistry she supervised more than 30 students, some to the master's level, some to the doctoral level. These very well-trained individuals have gone out across Canada and across the world.

For those who wish to honour her, the Department of Private Funding will receive donations "In the Memory of Dr. J.F. Manery Fisher". It is the hope of many that from these will emerge a named scholarship to ease the way of at least one member of a new generation of Canadian scientists.

*Professor Rose Sheinin
Vice-Dean
School of Graduate Studies*

June Collard, former chair of the Department of Physical and Health Education at the Faculty of Education, Sept. 13.

Professor Collard was known for her work in outdoor education at the faculty and in church youth groups and also for her outspoken stands on justice for students and for women teachers. At the time of her death she was her faculty's representative to the University of Toronto Faculty Association. She headed the faculty council from 1984 to 1986 and served on many faculty council committees.

As her doctoral dissertation for the University of Syracuse, she had been developing a physical education program for special-education children who had been integrated into regular classes.

She was born in Gormley, Ont. and graduated from the University of Toronto in 1954 with a degree in physical and health education. She later received a BA from U of T and an MSc from Eastern Michigan University.

She began teaching for the Scarborough Board of Education in 1955, first at

Agincourt and then at John A. Macdonald and Wexford colleges, heading the girls' physical education department at each. She joined the staff of the Faculty of Education in 1969 and soon earned a reputation for developing her students' teaching skills through her own commitment to teaching and high standards.

Her contributions to local, national and international professional organizations were extensive. Most recently she was elected president of the Canadian Women's Field Hockey Association.

University of Toronto Bookroom EVENTS

Wednesday, October 1st, 8 p.m.

ANDREA DWORKIN will be reading from her novel **ICE & FIRE** at the Medical Sciences Auditorium
Autographed copies will be available.

Monday, October 6th, 12:30-1:30 p.m.

JOHN FRASER, author of *The Chinese*, will be autographing his book **TELLING TALES** at the BOOKROOM

Tuesday, October 7th, 12:30-1:30 p.m.

DAVE STIEB, Toronto Bluejay pitcher, will be autographing his book **TOMORROW I'LL BE PERFECT** at the BOOKROOM
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Klein book creates controversy

by Judith Knelman

Phyllis Grosskurth's biography of the pioneer psychoanalyst Melanie Klein has received a launching that is nearly as controversial as its subject matter.

Not that Grosskurth avoids provocative subjects. A professor of English at New College, she is the biographer of John Addington Symonds, the Victorian writer and art critic, and Havelock Ellis, the British sexologist, both of whose sexual problems she revealed. She won the Governor-General's Award in 1965 for the book on Symonds and was on the short list for the National Book Award in Britain in 1981 for the Havelock Ellis biography.

Her new book, *Melanie Klein: Her World and Her Work* (McClelland and Stewart), was written with the help of Guggenheim and Rockefeller Foundation fellowships. For five years she conducted interviews of Klein's colleagues, friends, enemies, patients, relatives, doctor, housekeeper, etc., collecting dozens of tapes, and dug into records of the British Psychoanalytic Society and into Klein's papers, to which she was the only person given unlimited access.

The book has been widely praised, but there are those who have found in it more about Klein than they wanted to know. The reconstruction of Klein's life



Professor Phyllis Grosskurth

presented in the first three chapters, drawn from unpublished letters, is at variance with facts given by Klein in her autobiography. The discrepancy, which infuriated some dyed-in-the-wool Kleinians, merely intrigued Grosskurth. "I've lived with the material for five years and have absorbed it so that facts about her don't undermine the theory for me," she says.

Feminists have decreed the book required reading because it presents Klein as a sort of feminist counterbalance to the father of psychoanalysis, Sigmund Freud. She refined Freud's theories and applied them to children, thereby joining battle with Freud's daughter, Anna, who also worked with children but according to the theories laid down by her father. Klein emphasized the child's relationship to the mother, Freud to the father. Her work is especially significant to women because it establishes them as the dominant force in their children's development and it provides an understanding of the different developmental stages of the sexes.

The difference of opinion grew into hostility that split the British Psychoanalytic Society into Anna Freudians and Kleinians and had repercussions far and wide: in North America and in Klein's own family. Her daughter, an analyst, disagreed publicly

and permanently with her. That is the fact, but Grosskurth believes it would be unreasonable to expect them to have had a perfect relationship, especially since Klein was honest enough to delve into mother-daughter relationships in general after the break.

The book has been criticized for being both unsympathetic to Klein and too sympathetic. A review in *The Globe and Mail* by Jeffrey Masson attacked Grosskurth for being too admiring of Klein, whose orientation, life and biography he pronounced dull (thereby provoking a sub-controversy in the letters-to-the-editor section on his suitability as a reviewer of Grosskurth, who in a *Globe* review two years before had panned his book, *The Assault on Truth: Freud's Suppression of the Seduction Theory*).

However, *Vogue* thought so highly of the book that it gave it a two-page pre-publication review in April. *The New York Times* called it a remarkable biography of a significant figure in the psychoanalytic movement. The *Los Angeles Times* judged it a rich historical source for psychoanalysts.

If Masson thought the book too kind to Klein, the school of psychoanalysts dedicated to her methods did not. When the book came out this summer in England, it was praised in *The Observer* but attacked by Hanna Segal, chairman of the Klein Trust, in *The Sunday Times* for what she considered a negative approach.

Grosskurth says she never meant to write a controversial book — but she expects that it will take another generation for people to be free of the influence

of Klein's powerful personality. In the meantime, she is pleased at the support she's been receiving from independent psychoanalysts and from some of the younger Kleinians.

Kleinian theories have always been acceptable to a segment of the British analyst population, but in the US they are practically unknown. That's because the American medical establishment is largely male, says Grosskurth. "Penis envy and the Oedipus complex they'll accept readily, but they underplay the idea that the infant's relationship to the breast forms the prototype of other relationships because it's the first one."

Committee for Hart House warden

A committee is being established to recommend an appointment for the position of warden of Hart House commencing July 1, 1987. The committee will include persons from the following constituencies: students, members of the teaching and administrative staff of the University and senior members of Hart House. Nominations or suggestions for the membership of the committee should be directed to Eric McKee, assistant vice-president (student affairs), room 219, Simcoe Hall by October 10.

Search for athletics director

A committee is being established to recommend an appointment for the position of director of the Department of Athletics & Recreation commencing July 1, 1987. The committee will include persons from the following constituencies: students, staff of the Department of Athletics & Recreation, teaching staff, administrative staff and alumni. Nominations or suggestions for the membership of the committee should be directed to Eric McKee, assistant vice-president (student affairs), room 219, Simcoe Hall by October 10.

Size: 15 x 13 x 3 1/2 inches, closed

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RESEARCH NEWS

For further information and application forms for any of the following agencies, please contact ORA at 978-2163.

Arthritis Society

The society is a national voluntary health agency which funds research into the causes of and subsequent cures for arthritis, while promoting the best possible care for arthritis sufferers.

A new initiative has been introduced for the 1987-88 funding year: the group grants program, designed to support program-oriented team proposals. Three types of grants are being offered — multi-centre, group facilitation, and group development. Deadlines are as follows: multi-centre grants:

October 15;

group facilitation and group development: (preliminary proposal) November 15.

The full application deadline for group facilitation and group development is February 1. Thereafter, the regular deadlines for group facilitation and group development grants will be May 1 (preliminary), October 15 (complete).

Further information and application guidelines may be obtained from ORA.

Studentship Applications — 1987-88

Supervisors are requested to alert their students to a change in submission date for the studentship awards for 1987-88. The new deadline date is now February 15 (formerly Oct. 15).

Associateships in Clinical and Basic Science

Applicants are reminded that the deadline for receipt of applications is October 15. However under special circumstances applications may reach the society as late as Feb. 1. Investigators should contact the agency to discuss late submission.

October 15 Deadline

Investigators are reminded that all applications to be administered by the University are to follow signing conditions outlined in the ORA Information Booklet 1986.

Canadian Electrical Association

The CEA invites the submission of research proposals on the following:

1. Infrared thermography for distribution systems, stage II — guideline development.
2. Aluminum-to-copper connections in a saline environment. The closing for receipt of proposals at the CEA is 4 p.m., Thursday, October 23.

Energy, Mines & Resources

Information guides and application forms for research agreements are now available at ORA. The deadline is November 15 in Ottawa.

International Life Sciences Institute

Nominations are being requested for the 1987 annual Kenneth Morgareidge Award, which will specifically recognize a scientist working in the area of inhalation toxicology. It is expected that nominees will have made an outstanding research contribution to the science of inhalation toxicology. This may include, but is not limited to: the respiratory tract and how it responds to inhaled agents; the fate of inhaled materials

in the respiratory tract and body; toxicity of specific inhaled materials in laboratory animals and man; the integration of toxicity data from multiple sources to establish human health risk; design and operation of exposure systems; the characterization of airborne materials.

Further information on the nomination criteria may be obtained from ORA. The deadline for submission of nominations is November 26.

Malignant Hyperthermia Association

The association is offering funds in 1987-88 for research in malignant hyperthermia and related fields. Investigators are reminded that written approval for research involving humans, animals and biohazards from the appropriate University committee must accompany each application for research funds. The deadline for 1987-88 applications is October 15.

Ministry of Natural Resources

Deadline for submission of applications for the Ontario renewable resources research grants program is November 14. No submissions will be accepted beyond this deadline. The competition will be for the April 1, 1987 to March 31, 1988 funding year.

Copies of program outlines and additional information may be obtained from ORA or directly from George Ross, administrator of the program, at 963-3049.

National Research Council of Canada

Information guides and application forms for research associateships are now available at ORA. Deadline is November 30 in Ottawa.

National Institute of Nutrition

The institute offers research and personnel awards to encourage the development of new or improved programs of fundamental or applied nutrition research.

The institutional award will provide a salary for five years and two years of operating support for new or recent appointments to faculty (NIN university scholars). NIN fellowships are open to Canadian citizens or landed immigrants, holding an MD, PhD, DDS, PharmD or equivalent degree, for one year up to a maximum of three.

Guidelines and application forms for both awards are available from ORA. Deadline for applications is November 1 in Ottawa.

Physiotherapy Foundation of Canada

The foundation offers research grants and scholarships in the fields of basic and clinical research, predictive research, health care research and instrument validation. Only projects that are directly relevant to the field of physiotherapy will be considered and priority will be given to those that are perceived to be of maximal benefit to practising physiotherapists and society as a whole. Scholarships are offered to physiotherapists who are registered in a master's or doctoral level program and areas of study may involve research design and methods, biostatistics, clinical epidemiology, and the basic sciences.

Further information and conditions may be obtained from ORA. Deadlines for

submission are November 1 for research grants and February 1 for scholarships.

Upcoming Deadline Dates

American Lung Association — personnel awards: October 1;

research grants: November 1.

Arthritis Society — research grants; manpower development awards; associateships, assistantships; fellowships; multi-centre grants: October 15; group facilitation and group development (preliminary proposal): November 15.

J.P. Bickell Foundation — Faculty of Medicine, deadline at the faculty research office, November 3; faculties other than medicine, deadline at ORA: November 3.

Canadian Commonwealth Research Fellowships — internal deadline at ORA: October 17; in Ottawa, October 31.

Canadian Cystic Fibrosis Foundation — fellowships; studentships; scholarships; research grants (new and renewals): October 1.

Canadian Geriatrics Research Society — research grants: October 1.

Canadian Nurses' Respiratory Society (Canadian Lung Association) — personnel and research grants: November 1.

Cancer Research Institute (US) — fellowships: October 1.

James H. Cummings Foundation — faculties other than medicine, deadline at ORA: October 15.

Easter Seal Research Institute — research grants: October 15.

Energy, Mines & Resources — research agreements: November 15.

Anna Fuller Fund — research grants; fellowships: October 1.

W. Garfield Weston Foundation — research grants: early autumn.

Hannah Institute for the History of Medicine — fellowships; research grants; scholarships: November 1.

Health & Welfare Canada (National Welfare Grants) — research projects; research group development; senior welfare research fellowships; health care systems research; public health research and development, research and information: November 1;

career scientists; fellowships: November 15.

Hospital for Sick Children Foundation — fellowships; research grants; travel, conferences and seminars: November 1.

Imasco-CDC Research Foundation — research grants: October 1.

International Life Sciences Institute — Kenneth Morgareidge Award, nominations: November 26.

International Union Against Cancer — Eleanor Roosevelt international cancer fellowships; international fellowships: October 1.

Juvenile Diabetes Foundation (US) — career development awards; fellowships: October 1.

Kidney Foundation of Canada — fellowships: October 1; research grants: October 15; nephrology scholarships: November 1.

Leukemia Society of America Inc. — president's research development; scientific exchange: October 1.

Charles A. Lindbergh Fund — research grants: between September 1 and October 15.

Lady Davis Fellowship Trust — personnel awards: November 30 (in Israel).

Malignant Hyperthermia Association — research grants: October 15.

March of Dimes (US) — basic research grants: October 1.

Medical Research Council — subject research development grants (application); medical education; history of health sciences; visiting scientists; France-Canada exchange; MRC Groups (new and renewal): October 1; maintenance (renewal only); equipment; program grants (new and renewal); operating (renewal); MRC scientists; research associateship: November 1.

Ministry of Natural Resources — Ontario renewable resources research grants program: November 14.

Multiple Sclerosis Society of Canada — career development; post-doctoral fellowships; research grants; research studentships: October 1.

Muscular Dystrophy Association (US) — post-doctoral awards; research grants; clinical research grants: November 30.

National Cancer Institute of Canada — research; equipment; Terry Fox equipment for new investigators: November 15.

National Institute of Nutrition — institutional awards; personnel awards: November 1.

National Institutes of Health (US) — new research grants: October 1;

competing continuation and supplemental research grants: November 1.

National Research Council of Canada — research associateships: November 30.

NSERC — major installation (infrastructure concurrent with major installation applications) to be submitted with major installation applications: October 1.

Ontario Mental Health Foundation — personnel awards; conference program; publication program: November 28.

Ontario Mental Health Foundation/COMSOC — lottery grants program: October 15.

Physicians' Services Inc. Foundation — research grants: October 1.

Physiotherapy Foundation of Canada — research grants: November 1.

Queen Elizabeth Hospital Research Institute — research grants: October 1.

Savoy Foundation Inc. — research grants; fellowships: November 1.

Social Sciences & Humanities Research Council — International Relations Division — aid to international secretariats in Canada; grants for international collaborative research; bilateral exchange programs (with France, Japan, Hungary, China or the USSR): October 1;

Research Grants Division — standard research grants and major research grants: October 15;

Research Communication Division — aid to occasional scholarly conferences in Canada (March-June): October 30.

New SSHRC Research Grants guidebook and application forms are now available from ORA.

U of T — Humanities & Social Sciences Committee of the Research Board — grants-in-aid: October 1;

general research grants: October 15.



The Faculty Club

41 Willcocks Street
Telephone: 978-6325

LUNCH MENU

APPETIZERS

Insalada verde with house dressing

Pâté Maison en croute

Basket of garden vegetables, nachos & dip

Baked brie with raspberry coulis

SALADS

Caesar Salad

Chef's Salad

Fruit Salad Plate — Seasonal fresh fruit with choice of sherbet or cottage cheese

Seashore Platter — Matane shrimps, crabmeat, tuna & lobster with garnishes

SOUPS

Potage du jour

Soupe à l'oignon gratinée

ENTRÉES

Fettuccini alla forata — with oyster mushrooms, Italian plum tomatoes, olive oil, walnuts, fresh herbs & sweet basil

Crêpes Primavera — Spinach, mushrooms, leeks & artichoke hearts with tomato & mornay sauce

FROM THE GRILL

Grilled Calf's Liver with calvados & apples OR with onions

Louisiana Style Chicken Legs — Grilled & glazed with a hickory smoked sauce & served with cajun rice and blackeyed peas

New York Strip Steak 6 oz. — Charbroiled with sautéed mushrooms, légume du jour, pommes frites OR pommes du jour

Grilled Ham Steak with pommery mustard sauce

Burrito Cancun with sour cream, salsa verde & Mexican rice olé

Spiced B.B.Q. Beef on a bun with caesar salad

FRUITTI DE MARE

Baked Grouper with pesto butter

Shrimp & Broccoli Melt

Fillet of Sole Doria — sautéed mushrooms in a creamy dill sauce

THE DELI COUNTER

Smoked Salmon with cream cheese & chives

Baby Shrimp

Crêpe Sandwich

Club Sandwich

Toasted tomato, cucumber, lettuce & cheese

Orange Marmalade & Cashew Nut Butter on a croissant

DESSERTS

Frozen Key Lime Pie

Fresh Fruit Cup

Cheese Cake with strawberry sauce

Assorted Ice Creams

Pecan Pie with fresh cream

Rice Pudding

Acapulco Apple Pie with raspberry coulis & ice cream

A variety of daily specials is offered, including Omelette of the Day, Quiche of the Day, Pasta of the Day, and the Chef's Special (which includes soup and coffee).

All items are prepared to order, with the exception of the Daily Specials

Monday — Friday

12 p.m. — 2 p.m.

Reservations — 978-6325



BOOKS (BY UNIVERSITY OF TORONTO STAFF)

September

The Imperial Canadian: Vincent Massey in Office, by Claude Bissell (U of T Press; 400 pages; \$21.50). A sequel to *The Young Vincent Massey*, this volume covers Massey's years as high commissioner to London, head of the Massey Commission, guiding force in establishing the Canada Council, and as the first Canadian-born governor-general.

The Virtues of Aristotle, by D.S. Hutchinson (Routledge and Kegan Paul; 139 pages; \$33.50). This book is a rigorous exposition of Aristotle's answer to the question, "What is a virtue?" and illuminates Aristotle's

Ontario Graduate Scholarships

Applications for Ontario Graduate Scholarships are available from all graduate departments. Students should consult their departments for deadlines and procedures.

A limited number of scholarships are available for visa students and recent landed immigrants. Again, as in the past, visa students receiving an OGS will be exempt from the increased visa student fee.

Students are reminded that, if eligible under the terms, they must apply for an OGS if they wish to be considered for a U of T Open Fellowship.

Arts and science review committees

In the Faculty of Arts & Science, review committees have been struck to review the Departments of Fine Art, Botany and Zoology, and the Program in Canadian Studies and Canadian Literature and Language.

The committees would be pleased to receive comments and submissions from interested persons. These may be submitted to Dean R.L. Armstrong, Faculty of Arts & Science, room 2020, Sidney Smith Hall.

views on choice, character, the emotions, pleasure and pain, and the function (*ergon*) argument.

Studies in the Textual Tradition of Terence, by John N. Grant (U of T Press; 272 pages; \$35). The six comedies of the Latin dramatist survive in more than 600 manuscripts that are important for the constitution of the text of the plays. Grant considers their relative importance and their transmission history.

Quality Control and Application, by Bertrand L. Hansen* and Prabhakar M. Ghare (Prentice-Hall; 546 pages; \$44.95). This book is designed with an exposition of the techniques of quality control in a readily accessible form. It is based on Hansen's earlier volume *Quality Control: Theory and Application*.

Exploratory Human Craniometry of Recent Eskaleutian Regional Groups from the Arctic and Subarctic of North America: A New Approach to Population Reconstruction, by Gary M. Heathcote (BAR International Series 301; 348 pages; \$38). This study is an exploratory investigation of intra- and inter-group patterning of human craniometric variation. Crania were sampled from recent (late prehistoric to early historic) skeletal population series representing three Eskimo regional groups, as well as one Aleut, one Northern Athapaskan and one Southern Ontario Iroquoian population.

Catching Up

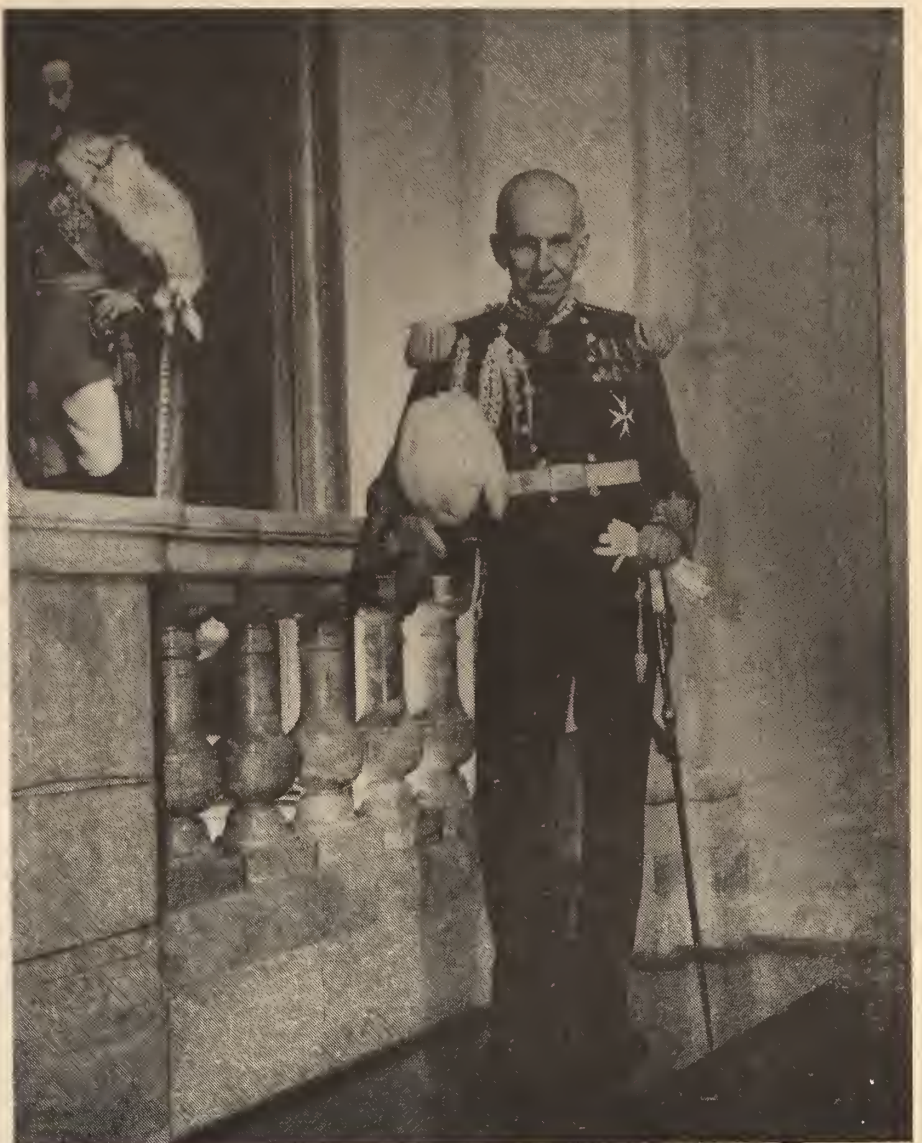
May

Lucy Maud Montgomery: A Preliminary Bibliography, compiled by Delbert Russell, Ruth Weber Russell and Rea Wilmshurst* (University of Waterloo Library; 175 pages; \$21.50). This bibliography presents, for the first time, a list of works by and about Lucy Maud Montgomery including novels, additional writings, adaptations for other media, contributions to periodicals, and an index of names and titles.

April

Later Life: The Social Psychology of Aging, edited by Victor W. Marshall (Sage Publications; 352 pages; \$20.95). Written by prominent social psychologists in the field of aging, *Later Life* is a cohesive study of today's foremost issues in the field.

* U of T staff are indicated by an asterisk when multiple authorship or editorship includes non-U of T staff.



Vincent Massey, who was governor-general from 1952 to 1959. Photo from Claude Bissell's biography, *The Imperial Canadian: Vincent Massey in Office*.

Nominations open for Chancellor's award

Nominations are open for the University of Toronto Alumni Association's Chancellor's Award. Any present or past staff member of U of T or its federated colleges is eligible for the award, which will recognize an outstanding contribution to the University community other than for teaching or academic research. Taken into consideration will be the nominee's length of service, distinction of service and dedication to the University community beyond the normal scope of duty and responsibility.

The deadline for nominations is

October 24. A single letter of nomination setting out the nominee's merits in relation to the award criteria should accompany any other evidence of support. Supplementary support should be limited to 10 documents, letters, citations, etc. Documents or letters with multiple signatures indicating support may be used. Nominations should be sent to:

Chancellor's Award Committee
Department of Alumni Affairs
47 Willcocks St.

For more details on the award, telephone 978-8991.

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EQUIPMENT EXCHANGE

The "Equipment Exchange" is a Purchasing service to facilitate the recycling of surplus equipment within the University. Once a faculty or division head has determined that an item of equipment or furniture is no longer needed, a "Request for Disposal" form is forwarded from the administrative head to Purchasing (see UNIFACTS procedure 4-18 "Disposal of Furniture and Equipment"). The fair market value is assessed and for external sales terms of delivery, payment, duty and tax implications are determined. All necessary paperwork including invoicing, UNISPRING update etc. will be carried out in Purchasing. If equipment or furniture is no longer required by the other U of T divisions it is then available for external sale including personal purchase. Note: the exchange will also include "wanted" items.

Equipment Available				Fair Mkt Value		Contact-Phone
Description	Qty	Model	Age	Orig. Cost		
Econoline Van	1	Ford	1978	approx. \$9,000	\$800	Brian Schmidt 978-2101 Miss Freudenthal 978-6058
Xerox Copier	1	3100	1978	\$6,885	negot. \$300	
Equipment Stand	1	Xerox	1978		incl. in above	
Equipment Required				Contact-Phone		
Description	Qty	Model				
File Cabinet	1	2 or 3 drawer, letter size			Patricia Philip 978-6922	

Announcements

NEIL T. BISHOP, formerly with Allstate Insurance, is the new Manager of Purchasing Services, replacing Denny Ross who retired after 20 years of dedicated service. Neil will oversee all of the buying functions, research and services at the St. George campus and with Tom Nippak's assistance, be responsible for the Customs, Tax and Traffic section.

ROSANNE BLAKE, recent graduate from Scarborough Campus Co-operative program in Business Administration, has been appointed Manager of Systems and Operations. Rosanne will oversee the implementation of the new Purchasing/Accounts Payable System and be responsible for all operating procedures within Purchasing.

We welcome Neil and Rosanne to the Purchasing staff.

Thelma Williams at our inquiry desk, 2353, will now handle account status inquiries rather than Vira Glen who retired last month after 19 years of dedicated service.

Travel Programme

BAGGAGE INSURANCE: In addition to the \$200,000 travel accident insurance provided by any of the University's three preferred travel agents and the University Travel Card (\$100,000 each), there is the need for *personal-effects insurance*. Many personal property insurance policies cover baggage and other personal effects no matter where you are when the loss occurs. Airlines are required to provide reimbursement for lost or damaged baggage as well and most airlines reimburse you for purchase of necessities when your baggage is lost. Therefore your most important concern should be for the coverage when you're not on an airline. Consumer Reports Travel Letter suggests that "you consider only policies that cover you in hotel rooms and rental cars" if you are considering extra insurance at all.

Events

LECTURES

Some Challenges for Clinical Medicine.

Tuesday, September 30
Prof. Sir Raymond Hoffenberg, president, Royal College of Physicians, London, Eng.; Ray F. Farquharson memorial lecture. Academy of Medicine, 288 Bloor St. W. 5 p.m. (Faculty of Medicine)

Professorial Lecture.

Wednesday, October 1
Dr. David Garner, Department of Psychiatry; Auditorium, Clarke Institute of Psychiatry. 4 p.m. (Psychiatry)

The American Way in Foreign Policy.

Wednesday, October 1
Prof. John Lewis Gaddis, Ohio University; John M. Olin lecture in American political culture. Council Chamber, Alumni Hall, St. Michael's College, 121 St. Joseph St. 4.10 p.m. (Political Science and SMC)

The Philosopher's Cat: Philosophers' Examples and Poets' Fictions.

Wednesday, October 1
Prof. John Hollander, Yale University. 3 Northrop Frye Hall, Victoria College. 4.30 p.m. (English)

Predicting the Presidential Vote.

Thursday, October 2
Prof. Gregory Markus, University of Michigan. 3050 Sidney Smith Hall. 4 to 6 p.m. (Political Science and Sociology)

Aspects de l'histoire de la Nouvelle-France.

Friday, October 3
Prof. John Bosher, York University. 2001, second floor 7 King's College Circle. 11 a.m. (Graduate French)

Murder, Mystery and Morals: The Art of the Detective Story.

Tuesday, October 7, Wednesday, October 8 and Thursday, October 9
P.D. James; Larkin-Stuart lectures. MacMillan Theatre, Edward Johnson Building. 8 p.m. (Trinity and St. Thomas' Church)

Science and Religion: Partners in Peace.

Wednesday, October 8
Prof. William Klassen, visiting professor of peace and conflict studies. West Hall, University College. 8 p.m.

(Science for Peace, UC Alumni Association, Canadian Physicians for the Prevention of Nuclear War and Lawyers for Social Responsibility)

The Minority Council of Henry VI. Context and Character.

Tuesday, October 14
Prof. Christopher Crowder, Queen's University; Bertie Wilkinson Memorial Lecture. The Common Room, Pontifical Institute of Mediaeval Studies, 59 Queen's Park Cresc. E. 4.10 p.m. (Medieval Studies)



A conference on "Brazil: The Late Colonial Period" will be held October 3 and 4. See details below.

SEMINARS

Masticatory Biomechanics and Facial Evolution.

Wednesday, October 1
Prof. O.J. Oyen, School of Dentistry, Case Western Reserve University; Pro Seminar in Physical Anthropology. 572 Sidney Smith Hall. 1 to 3 p.m. (Anthropology)

Landlords and Tenants: The Management of Working Class Housing in Britain and Canada, circa 1900.

Friday, October 3
Prof. Richard Dennis, University College, London, and Centre for Urban & Community Studies. Room 410, 455 Spadina Ave. 12.15 p.m. (Urban & Community Studies)

Food Restriction and Aging.

Friday, October 3
Prof. E.J. Masoro, University of Texas, San Antonio; discussion series on the biology of aging. 6205 Medical Sciences Building. 4 p.m. (Gerontology)

Who is a Sikh?

Monday, October 6
Prof. W.H. McLeod, University of Otago; visiting Centre for Religious Studies. 2090A Sidney Smith Hall. 3 p.m. (South Asian Studies)

Reading Graphs.

Monday, October 6
Prof. Ian Spence, Department of Psychology; Literacy and Computing series. Coach House, 39A Queen's Park Cresc. E. 4 p.m. (McLuhan Program)

Studies Examining the Early Pathophysiology of Diabetic Nephropathy.

Tuesday, October 7
Dr. Catharine I. Whiteside, Division of Nephropathy, Toronto Western Hospital. North Classroom, Toronto General Hospital. 5 p.m. (Banting & Best Diabetes Centre)

COLLOQUIA

Novel Halophilic Reactions.

Wednesday, October 1
Prof. Jiang Xikui, Shanghai Institute of Organic Chemistry. 428 Lash Miller Chemical Laboratories. 3.30 p.m. (Department of Chemistry)

Lasers — Past and Future.

Thursday, October 2
Prof. Arthur Schawlow, Stanford University. 102 McLennan Physical Laboratories. 4.10 p.m. (Physics)

A New Force of Nature (?)

Thursday, October 9
Prof. Ephraim Fischbach, Purdue University. 102 McLennan Physical Laboratories. 4.10 p.m. (Physics)

READING

John Hollander

Thursday, October 2
Prof. John Hollander, Yale University, reading from his poetry. Alumni Hall, Victoria College. 8 p.m. (English)

CONFERENCE

Brazil: The Late Colonial Period.

Friday, October 3
Sessions:
Brazil and the Atlantic Economy. 10 a.m. to 12.30 p.m.
Socio-Economic Realities. 2 to 4.30 p.m.
Saturday, October 4
Sessions:
Power, Religion and Society in Colonial Brazil. 10 a.m. to 12.30 p.m.
Brazil: Colonial and Modern Visions. 1.45 to 4.15 p.m.
202 Brennan Hall, St. Michael's College.
Registration: Brazil Seminar, Department of Spanish & Portuguese. Fee conference \$10, single session \$5.
Information: 978-3357.
(Brazil Seminar, Spanish & Portuguese, Brazilian Embassy, Fundação Brascan and Brascan Ltd., Fundação Calouste Gulbenkian, Grupo Brasil, SMC, Arts & Science, SSHRC, TAP Air Portugal and Varig Brazilian Airlines)

The Datavue Portable Personal Computer

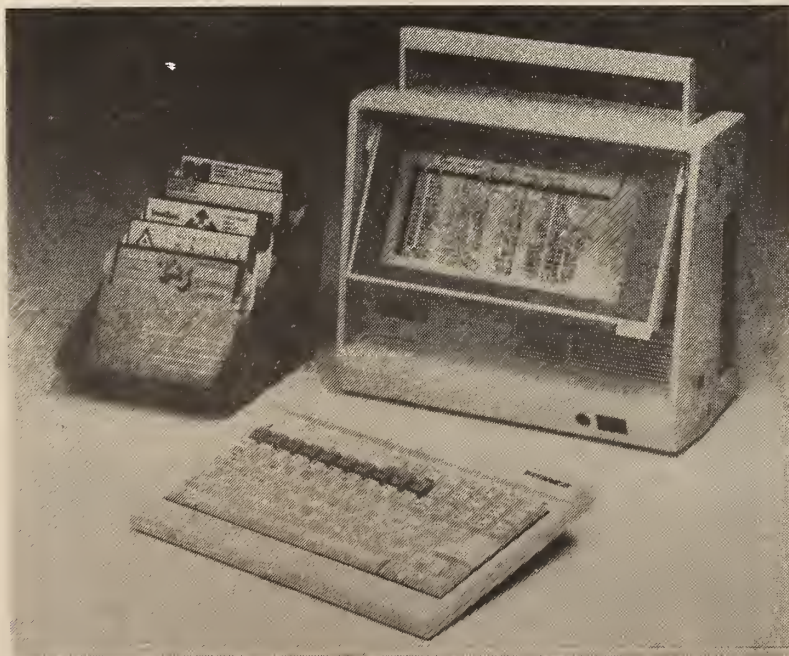
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L4W 2S3
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MUSIC

FACULTY OF MUSIC EDWARD JOHNSON BUILDING

Thursday Noon Series.

Thursday, October 2
Miles Davis at 60: A
Retrospective. Jack
Chambers, Department of
Linguistics.

Thursday, October 9
Ingrid Attrot, soprano.
Walter Hall. 12.10 p.m.

Information on all events in
the Edward Johnson
Building available from the
box office, 978-3744.

ROYAL CONSER- VATORY OF MUSIC Noon Hour Series

Wednesday, October 1
Paul Grice, clarinet; Angelo
Calcafuoco, violin; Rodica
Eugen, piano.
Concert Hall. 12.15 p.m.

Royal Conservatory Orchestra.

Friday, October 3
Lawrence Leonard, conduc-
tor; first in series of 11
concerts.
Church of the Redeemer,
Bloor and Avenue Road.
8 p.m.

Tickets: Series Subscrip-
tions: Series A, all 11 con-
certs, \$53, students and
seniors \$33; Series B, 7 con-
certs, Church of the
Redeemer, \$40, students and
seniors \$25; Series C, 4 con-
certs Concert Hall, \$23,
students and seniors \$14.
Single tickets \$8, students
and seniors \$5. RCM box
office, 978-5470.

Information on all Conser-
vatory concerts available
from publicity office,
978-3771.

Music of Colonial Brazil.

Saturday, October 4
Ilton Wjuniski, harpsichord,
Paris and São Paulo; lecture-
recital in conjunction with
conference, Brazil: The Late
Colonial Period. Debates
Room, Hart House. 5 to
6.30 p.m.

EXHIBITIONS

Justina M. Barnicke Gallery, Hart House.

To October 2

Hart House Permanent
collection.

October 9 — November 6
East Gallery: Aba Bayefsky,
Carnival and Other
Portraits.

West Gallery: johnde, when
shadows lengthen, a visual
poem.

Gallery hours: Tuesday-
Thursday, 11 a.m. to 9 p.m.;
Friday-Saturday, 11 a.m. to
6 p.m.; Sunday, 2 to 5 p.m.

Roberts Library.

To October 31

Victoria University: The
First 150 Years; documents,
letters, photographs, publica-
tions, programs, memor-
abilia and artifacts. Main
display area.

(Victoria Sesqui Exhibition
Subcommittee)

Scarborough College.

To October 31

Patio Lawn Slope, site-
related sculpture on the col-
lege grounds.

(U of T, Canada Council,
Ontario Arts Council, City of
Scarborough)

Faculty of Architecture & Landscape Architecture.

To October 3

For the Record, women in
architecture at the Univer-
sity of Toronto 1920 to 1960.
(FALA, Architectural Con-
servancy of Ontario,
Ministry of Citizenship &
Culture and Ontario
Women's Directorate)

October 7 to October 30

Design on the Land: The
Work of Sasaki Associates;
landscape architecture.

October 14 to October 30

The Campus and The City.
Galleries, 230 College St.
Gallery Hours: Monday-
Friday, 9 a.m. to 5 p.m.



Drawing of Victoria College by Elizabeth Chalmers is part of
exhibition celebrating Victoria's sesquicentennial. See details above.

GOVERNING COUNCIL & COMMITTEES

Planning & Resources Committee

Monday, September 29
Council Chamber, Simcoe
Hall. 4 p.m.

Business Affairs Committee

Wednesday, October 1
Council Chamber, Simcoe
Hall. 4 p.m.

FILMS

Innis Fall Film Program.

Thursday, October 2
Forbidden Planet.
WR. 7 p.m.

Wednesday, October 8
Peace and Feminism Film
Night:
Speaking Our Peace.
Carry Greenham Home.
8 p.m. Co-sponsored by Act
for Disarmament and the In-
nis College Student Society
Education Commission.

Thursday, October 9

La Bête Humaine.
Death Race 2000. Three
short films will be screened
as well as two features.
7 p.m.
Innis College Town Hall.
Information: 978-7023.

Dadi's Family

Wednesday, October 8

Room 153, Level A,
Audiovisual Library,
Sigmund Samuel Library. 12
to 12.45 p.m.
(South Asian Studies)

Events deadlines

Please note that information
for Events listings must be
received in writing at the
Bulletin offices, 45 Willcocks
St., by the following times:

Events taking place
October 14 to October 27:
Monday, September 29

Events taking place
October 27 to
November 10:
Tuesday, October 14

PERSONNEL NEWS

Pub Nights Resume

The first pub night of the
season will be held Sept. 29
at the Faculty Club Pub,
starting at 5.30 p.m.

The Personnel & Labour
Relations Department spon-
sors these get-togethers as
an opportunity for Personnel
staff and divisional staff
involved in various aspects of
personnel administration to
meet informally and get to
know each other better.

Job openings

Below is a partial list of job
openings at the University.
The complete list is on staff
bulletin boards. To apply for
a position, submit a written
application to the Personnel
Department.

(1) Sylvia Holland; (2) Steve
Dyce; (3) Varujan
Gharakhanian; (4) Christine
Marchese; (5) Maureen
Brown; (6) Mirella Taiariol;
(7) Lisa Raftis.

Applications Programmer Analyst III

(\$30,560 — 35,950 — 41,340)
Computing Services (3)

Clerk II

(\$15,090 — 17,750 — 20,410)
Physical Plant (1)

Clerk Typist II

(\$7,545 — 8,875 — 10,205)
Clinical Biochemistry,
50 percent full-time (1)

Client Service Representative

(\$23,620 — 27,790 — 31,960)
Central Services, Faculty of
Medicine (2)

Craftsman II

(\$22,340 — 26,280 — 30,220)
Geology (5)

Laboratory Technician II

(\$20,130 — 23,800 — 27,370)
Physiology, two positions (7),
Medical Genetics (1), Playfair
Neuroscience (1)

Registered Nurse I

(\$24,800 — 29,180 — 33,560)
Surgery, six-month appoint-
ment (1)

Secretary I

(\$16,570 — 19,490 — 22,410)
Anthropology, part-time (5),
Physics, two positions, one
full-time, one 50 percent full-
time (6)

Secretary II

(\$18,160 — 21,370 — 24,580)
Accounting (3), Computer
Science (3), Law (6)

Secretary III

(\$20,230 — 23,800 — 27,370)
Continuing Studies (3)

Systems Software Programmer I

(\$24,800 — 29,180 — 33,560)
Physics (6)

POSITIONS ELSEWHERE

Notice of the following vacan-
cies outside the University
has been received by the Office
of the President.

Canadian Military College Principal

Applications and nomina-
tions on or before Oct. 15.

Forward your resumé,
quoting reference number
86-MC-EX-388 to: Edwin C.

Hunt (613) 922-9432,
Management Category
Resourcing Program, Public
Service Commission of
Canada, Ottawa, Ontario
K1A 0M7. (Fluency in both
English and French
languages is an imperative
requirement.)

The University of Texas
Medical Branch at Galveston
President

Individual applications until
Oct. 24.

Send to: Charles B. Mullins,
MD, Executive Vice-
Chancellor for Health
Affairs, Chairman, Advisory
Committee for the Selection
of a President, The Univer-
sity of Texas System, 601
Colorado Street, Austin,
Texas 78701.

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**Saturday,
October 18, 1986**

starting at 9:30 am
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participating. Further
information: 978 2021

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Maples could go the way of elms

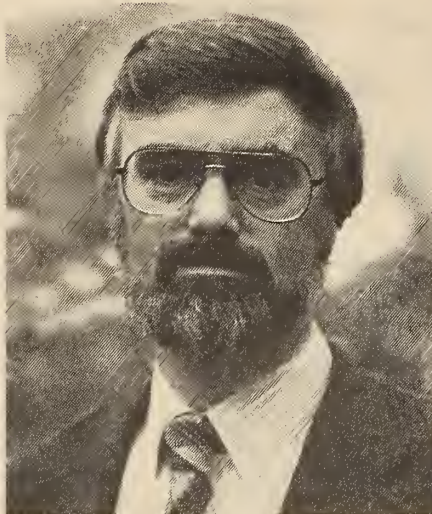
by George Cook

The tree that bears Canada's national leaf – the sugar maple – is dying, so quickly, in fact, that the syrup made from its sap could become a rare treat indeed.

The unexplained "die-back" over the last five years of trees in half of Quebec's commercial maple stands has led to a 30 percent drop in maple syrup production and a quadrupling of the price. Maples in Ontario, including many in Toronto, also suffer from the mysterious affliction. Natural syrup producers who must compete with those who make less costly synthetic products have watched their earnings drop drastically.

The decline of the industry threatens part of Canada's heritage. In Quebec the annual tapping and *cabane au sucre* festivities during the boiling of the sap are a nationally recognized rite of spring.

In an effort to help save the maple, Professor Tom Hutchinson of the Department of Botany and the Institute for Environmental Studies has begun, with the aid of an \$80,000-a-year three-year strategic grant from Natural



Professor Tom Hutchinson

Sciences & Engineering Research Council, to try to identify the causes of the problem. Die-back occurs when trees, individually and in stands, begin to gradually wither away. Colour change in July or August, long before the maple usually turns autumn red, is a symptom.

There is no hard evidence linking the problem to acid rain directly, Hutchinson says. Although the trees die from the top down, their foliage shows no signs of significant acid damage after rainfall. If acid rain plays any role, it may be in altering soil chemistry, thus poisoning or starving the trees.

Hutchinson advances four hypotheses to explain the death of the sugar maple. The first suggests that changes in soil chemistry may have damaged an important symbiotic relationship – called mycorrhizae – between the tree roots and a variety of helpful fungi. These fungi make nutrients accessible to the tree and in return receive sustenance in the form of carbon compounds. Without mycorrhizae the trees cannot obtain nutrients, especially phosphorus, and as a result they grow poorly or not at all.

The second hypothesis suggests that increased acidity may cause leaching of calcium, magnesium or potassium from the soil, thus depriving the trees of these vital nutrients. The third suggests that accelerated soil acidification may lead to an increase in soluble aluminum. Aluminum exists naturally in clays but is not normally soluble in water. When acidity increases, however, low but highly toxic concentrations of the mineral enter solution and can poison susceptible root systems. Hutchinson's fourth hypothesis suggests the existence of an antigen – a bacterium or fungus – or insect attack, although no candidate insect has been found.

Under Hutchinson's supervision, post-doctoral fellow Martha Scott, graduate student Craig Kinch and research technician Cindy Adams are working on separate but related aspects of maple die-back. Tiina Pajos, a graduate student in the Faculty of Forestry is also studying the problem.

As they search for the cause of the phenomenon, Hutchinson and his group are also testing for ways to prevent the further destruction of trees. If the deaths are related to changes in soil conditions, fertilizers may provide some relief. The initial results are tentative but encouraging. Damaged seedlings from poor soil become healthier when given specific fertilizers. Tests on mature trees have not yet been done, but if they respond in a similar way, sugar bush operators may save their maples by applying nutrients to the soil in the spring or to winter snow for absorption during the melt.

Hutchinson and his team could have a solid explanation of the problem within a year. He hopes to find a relatively simple, treatable cause, but foresees difficulties if die-back involves a complex combination of factors. Whatever the outcome of the research, treatment or prevention could prove prohibitively expensive. The cause of Dutch elm disease is no mystery, but the treatment is costly and therefore usually impractical. If acid gas or other airborne contaminants are found to cause damaging changes in soil chemistry, the cure for what ails Canada's most distinguished and productive treemay ultimately be pollution control on a continental scale.

Cleveland professor compares city life in Canada and the US

by Patrick Donohue

Everybody knows Canada's a great place to live. A program recently established by an American university attempts to find out why.

The Centre for Regional and Comparative History in the history department at Case Western Reserve University in Cleveland has been comparing Canada and the US, Ontario and Ohio and Toronto and Cleveland in an attempt to understand how it is that Canada has fared so much better than the US in its handling of many social issues.

U of T geography professor James T. Lemon gave the inaugural address at the opening of the centre in May and Canadian Consul and Trade Commissioner W.P. Molson presented the three-volume Canadian Encyclopedia to the centre.

Lemon, a specialist on urban development, says the new Case Western program attempts to counteract the "we're number one" mentality of American courses, which tend to see their history in isolation.

"Americans have not generally shown a great interest in Canada by and large," says Lemon. "I think that's why the program should be encouraged."

Lemon says the program addresses the concerns of many thoughtful Americans who are beginning to wonder why many of their inner cities have turned out so differently from those in Canada.

At the opening ceremonies, a PhD student delivered a paper entitled "Slums: An Expensive Luxury That Cleveland Still Maintains and Toronto Has Learned to Live without." Lemon feels that title "overstates" the case for Toronto somewhat. "We can't be that 100 percent about Toronto," he says.

But he notes how dramatically different the two cities appear to the student. The difference, says Lemon, is that Toronto's low-income, highrise housing is located in the suburbs as well as the inner city rather than concentrated in one place.

Another difference the Americans note is the quality of public housing. Professor Carl Ubbelohde, chairman of Case Western's History Department,

says a comparative study of public housing "redounds very much to Toronto's lustre."

Ubbelohde says the program tries to find culturally determined differences in efforts to deal with social problems. Workman's compensation, for instance, began in both Ontario and Ohio at about the same time, but it worked much better in Ontario. "Ontario did it very neatly," says Ubbelohde, "Ohio didn't."

The explanation for the different outcome could lie in culturally embedded attitudes to the individual in society, says Ubbelohde, attitudes that lead to different ways in which a person pursues individual interest over and against the interest of society as a whole. Ubbelohde cites as examples different Canadian and American approaches to welfare and to the "notorious" firearms issue.

Ubbelohde believes the protection of property and individual rights in the American constitution and the fact that it leads to so much litigation has a lot to do with shaping a different society from Canada's.

He also thinks Canadians benefit from a more interesting perspective of politics. "We cluster more to the centre." He says Canadians enjoy a broader range within which debate takes place.

Ubbelohde is finding out more about us at first hand this fall as he begins his sabbatical studies at the provincial archives.



centre for medieval studies

The Bertie Wilkinson Memorial Lecture for 1986

Christopher Crowder
Queen's University

The Minority Council of Henry VI.
Context and Character

Tuesday, October 14, 1986 at 4:10 p.m.

*Common Room, Pontifical Institute of Mediaeval Studies
59 Queen's Park Crescent East*

Reception to follow, Bertie Wilkinson Lounge, CMS

Mexican academy honours Valdés

The Mexican National Academy of Language has named U of T professor Mario Valdés as its first corresponding member from Canada.

Valdés, a member of the Department of Spanish & Portuguese and the Centre for Comparative Literature, said he was "very surprised, very moved" by the honour. He was born in Chicago of parents who emigrated from Mexico in the late 1920s to escape the strife of the Mexican Revolution. "You always hope that you can make some kind of contribution in a country that is culturally and ethnically yours although politically and socially you are removed from it," he said.

The academy, founded in 1875 and modelled after Spain's Royal Academy of the Language, restricts its membership to 35 Mexicans but extends corresponding member status to foreign scholars who have made a significant contribution to the culture. The academy's original focus on the purity of the language is reflected in its

preparation of a dictionary of Mexican usage, said Valdés, but its main concern now is the connection between language and culture in Mexico.

The author of 11 books and many articles on Spanish and Spanish-American literature, Valdés said two particular facets of his work attracted the academy's notice: his study of literary theory using Hispanic sources and the *Canadian Review of Hispanic Studies*, which he began in 1976 and appears three times a year. Because he is not a lexicographer, he doesn't expect to participate in the academy's dictionary project but he hopes to interest the academy in studying literary theory using 20th-century sources.

A fellow of the Royal Society of Canada, Valdés has taught at U of T since 1963, and has been a visiting professor at universities in the United States and Denmark.

He plans to deliver a formal inaugural address to the academy in Mexico City in February.

RESEARCH HIGHLIGHTS

Looking at lobsters

Two biologists at Scarborough College have discovered that lobsters develop a "crusher" claw on whichever side gets more exercise.

In an effort to discover why claw development is apparently random, Professor C.K. Govind and research associate Joanne Pearce exercised and observed lobsters raised in tanks. They concluded that the lobster's central nervous system senses the difference in the amount of exercise each claw receives and sends a message to the one that gets more to become the crusher.

Why study lobsters in such depth? A knowledge of their relatively simple nervous system may eventually help explain the development of left or right handedness and the location of certain mental functions on the right or left side of the brain in humans.

Lethal toxin studied

Mohamed Karmali, a U of T professor of microbiology and staff bacteriologist at the Hospital for Sick Children, has confirmed that a virulent toxin that leads to a syndrome that causes kidney failure and anemia in children and the elderly is produced by a particular strain of E. Coli, 0157-H7, the same strain that killed 18 elderly residents of a London, Ont. nursing home.

Karmali and Martin Petric, a colleague in microbiology and staff virologist at HSC, are trying to discover how the toxin causes cell damage. They suspect that it damages blood vessels in the kidneys and other organs by attacking the vessels' cell lining. The result is hemolytic-uremic syndrome (HUS).

Karmali believes that people who have been infected with verotoxin-producing E. Coli as children develop mild diarrhea and then an immunity to the toxin that may weaken as they age. That would explain the susceptibility of the elderly to HUS during an outbreak of diarrhea.

Another member of the research team, Clifford Lingwood, a professor of biochemistry at U of T, has shown how the verotoxin attaches to a cell's surface. His findings could lead to a method of blocking the toxin's entry.

Professor Jim Brunton, a micro-

biologist, has cloned the gene that makes the toxin. He is now modifying genes in an attempt to make them inactive. The production of an inactive toxin that triggers the production of antibodies could lead to a genetically engineered vaccine.

A vaccine would be used only on those likely to develop the syndrome, said Karmali. "If most people become immune by getting a mild attack of diarrhea, why give them all a vaccine?"

Storing nuclear waste

A computer program to judge how impervious rock is to water and heat that has been developed by Professor Adrian Crawford, a U of T geo-technical engineer, is being used to determine safe sites for the storage of nuclear waste.

Crawford, a member of the geo-technical group of the Department of Civil Engineering, set up the program originally to model the heat and moisture flows around power cables in porous geological material.

Working with Atomic Energy Canada and Ontario Hydro, the researchers are refining methods of storing highly radioactive nuclear waste in underground vaults. The computer program will be used to simulate the behaviour of a buffer of bentonite, a sand and clay mixture that swells when wet and should protect sealed ceramic canisters in rock caverns from groundwater flowing through rock joints and heat emitted from the canisters.

The group is also using the computer program to determine the feasibility of storing thermal energy in water-bearing rock or soil. Another application Crawford foresees for his program is the creation of a model to simulate the flow of radioactive waste in groundwater. Research in this area could lead to the creation of engineered barriers to prevent contaminated flows.

Research Highlights is based on summaries of newsworthy research in arts, science, engineering and medicine, sent each month to science writers and editors throughout the world by the public relations office. Faculty interested in this service should contact Steve Lindt, senior media relations officer, at 978-5948.

LETTERS

External hiring sends message to staff

The University has a policy statement with regard to consideration of internal candidates for vacant positions and/or promotions which states: "External recruitment occurs if suitable candidates cannot be found from within the University through promotional opportunity announcements."

Two recent appointments, director of environmental health and safety and employment equity coordinator, have gone to external candidates, with an internal candidate placing second on both short lists. We must assume that the candidates were considered to be comparable, though clearly, each would have different strengths. The Ad Hoc Committee on the Status of Women feels strongly that where a qualified internal candidate exists, that person should have the opportunity to fill the position in question. If the current practice continues of conducting external and internal searches simultaneously, any real opportunity for persons already employed at the University is seriously eroded. It is especially troublesome that in hiring for an employment equity position, which by its very nature ensures that employees have access to opportunities for transfer, promotion and advancement, an external person has been hired.

There are few enough new appointments or promotional opportunities available to administrative staff at the University. Many employees have worked and studied to improve their

qualifications and skills, while fulfilling the requirements of their present job with the hope that career opportunities such as the employment equity coordinator position or director of environmental health and safety would become available. The message the University continues to give administrative staff is that they will never be qualified or professional enough to be able to successfully compete against external candidates. The University's failure to give these opportunities to qualified employees can only add to the discouragement and cynicism of all employees.

Janice Drakich
Chairperson
Ad Hoc Committee on the Status
of Women



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Ads must be submitted in writing, 10 days before Bulletin publication date, to Marion de Courcy-Ireland, Department of Communications, 45 Willcocks St., Toronto, Ontario M5S 1A1. Ads will not be accepted over the phone.

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For rent-furnished two bedroom bungalow with finished basement. East York near TTC. Rent \$800 plus utilities monthly. Available immediately. Contact Rand, P.O. Box 33, Frankford, Ont., K0K 2C0 with name and telephone number.

Furnished, detached 3-bedroom home. Bellamy-Eglinton area. Close to GO, TTC. Private garden, beamed ceiling, recreation room, 4 appliances. Suit adult professionals. Available (approx.) Nov. 1 — Jan. 30/87. References. \$850/month + utilities. 438-1637.

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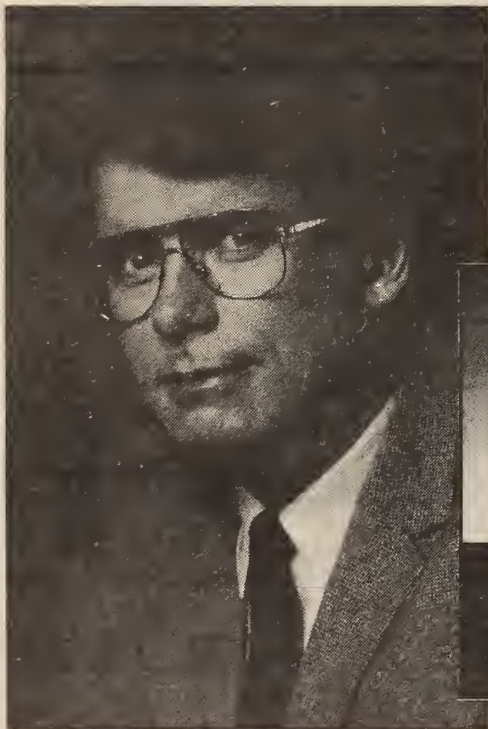
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Safety in field research

Vice-President (Research) David Nowlan and Professor Geraldine Kenney-Wallace, chair of the Research Board, have convened a committee to recommend research protocols or administrative procedures that would serve the purpose of enhancing safety in field research. The members of the field research safety committee are: Professor J.M. Ham, industrial engineering, chair; and Professors G.D. Garland, physics; W.N. Irving, anthropology; A.D. Miall, geology; Richard Sandbrook, development studies; and P.A. Stokes, environmental studies.

The committee hopes to produce a report which will be sent to the Research Board early in 1987. The report will then be forwarded to Vice-President Nowlan for implementation.

Anyone interested in submitting ideas or comments on the topic of field research safety is invited to do so in writing as soon as possible. Submissions should be sent to the field research safety committee c/o Judith Chadwick, assistant to the Research Board, Office of Research Administration, room 133S, Simcoe Hall. For further information contact Judith Chadwick at 978-4257.



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May 12 - 27, 1987

For more information, phone, write or drop in
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